



2017



ACOUSTIC DEVICES
AVERTISSEURS ACOUSTIQUES
AKUSTISCHE SIGNALEINRICHTUNGEN



THE WORLD'S LARGEST
MANUFACTURER
OF CAR HORNS



www.fiamm.com/Horns

The Power of Communication



FIAMM

Acoustic Devices

The Power of Communication

Headquarters

Viale Europa, 75
36075 Montecchio Maggiore
Vicenza | Italy

info.acousticdevices@fiamm.com
www.fiamm.com/horns

Production plants



ITALY

Via Dovaro, 8 - 36045 Almisano di Lonigo (VI)



CZECH REPUBLIC

Nádražní 1436, 293 01 Mladá Boleslav



CHINA

Han Nan Road 458, Shamao Town,
Hannan District, 430090 Wuhan City,
Hubei Province



U.S.A.

1550 Leeson Ave., Cadillac, MI



BRAZIL

Av. Piraporinha, 121 - CEP 09891-0000
São Bernardo do Campo SP

THE WORLD'S
LARGEST
MANUFACTURER
OF CAR HORNS



O.E. Customers

- Alfa Romeo
- Aston Martin
- Audi
- BMW
- BYD
- Chrysler
- Citroën
- Ferrari
- FIAT
- Ford
- GM
- Hyundai
- Jaguar
- Lancia
- Land Rover
- Maserati
- Mazda
- Mercedes
- MINI (BMW)
- Mitsubishi
- Nissan
- Opel (GM)
- Peugeot
- Renault
- SEAT
- Škoda
- Toyota
- Vauxall (GM)
- Volvo
- VW
- Caterpillar
- Iveco
- MAN
- Renault Truck
- Scania
- Volvo Truck

Certifications



ISO 9001:2008



ISO/TS 16949:2009



ISO 14001:2004





THE WORLD'S
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FIAMM, an Italian company founded in 1942 and world leader in the field of horn devices, is an official partner of the largest manufacturers of cars, trucks and industrial vehicles. The company's extensive experience and continuous research allow it to offer a product range intended for the high quality standard aftermarket, accompanied by an efficient customer service. Efficiency proved by the presence of global production facilities in Italy, Czech Republic, the USA, Brazil and China that oversee the local reference markets.

FIAMM, entreprise italienne fondée en 1942, leader mondial dans le secteur des avertisseurs sonores, est depuis toujours partenaire officiel des plus grands fabricants de voitures, des moyens de transport commerciaux et industriels. L'expérience consolidée et la recherche constante lui permettent de proposer une gamme de produits destinée au marché des pièces de rechange (Aftermarket) d'un standard de qualité élevé, accompagnée d'un service toujours à disposition du client. Réelle disponibilité prouvée par la présence globale des établissements de production en Italie, République Tchèque, États-Unis, Brésil et Chine qui président les marchés locaux de référence.

FIAMM wurde 1942 gegründet und ist im Bereich der akustischen Signaleinrichtungen ein weltweit marktführendes Unternehmen. Es ist seit jeher offizieller Partner der größten Automobil-, Industrie- und Nutzfahrzeughersteller. Die konsolidierte Erfahrung und die ständige Forschung zusammen mit der kundennahen Serviceleistung ermöglichen es, eine Produktreihe von hohem Qualitätsniveau für den Ersatzteilmarkt anzubieten. Beweis für die Kundennähe ist die globale Präsenz der Werke in Italien, der Tschechischen Republik, den Vereinigten Staaten, Brasilien und China, die die lokalen Bezugsmärkte überwachen.

OE
preferred partner
>40 million horns supplied worldwide yearly

70 years
of consistency and loyalty to our customers and values

AM
proximity
Worldwide local to support side-by-side our customers

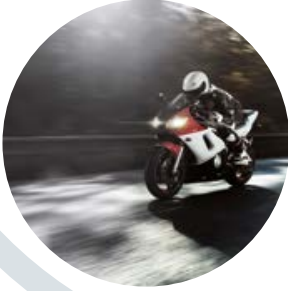


FIAMM horns are produced in the same production plants where also original equipment horns are manufactured, using the same technology, manpower, equipment and control systems approved by car manufactures.

Les avertisseurs acoustiques FIAMM sont fabriqués dans les mêmes usines de production où se produisent aussi les avertisseurs pour le marché de l'équipement d'origine, en utilisant les mêmes technologie, main d'œuvre, équipements et systèmes de contrôle approuvés par les constructeurs automobiles.

Die FIAMM akustischen Signaleinrichtungen werden in denselben Produktionsstätten hergestellt, wo auch die Hupen für den Erstausrüstungsmarkt gefertigt werden. Dieselben von den Fahrzeugherstellern genehmigten Technologie, Arbeitskräfte, Maschinen und Kontrollsysteme werden benutzt.

Automotive



Industrial & Heavy Duty



Emergency



Marine



The Power of Communication



Big growing years through massive provision of pneumatic horns to the wide retail market, as well as beginning of the collaboration with FIAT thanks to the compact dimensions of the new Electromagnetic horn CTP.



Beginning of total US market coverage, first with Ford (production of 6 million horns) and then with GM, reaching a production of 20 million horns per year.

1960

1985

1942

1970

1989
1990

FIAMM foundation in Montecchio Maggiore, Italy. Launch of the first Mercury horn.



New partnership with Peugeot and Citroën and, in the following years, with Audi and BMW, supplying the first samples of AM80 horn. The Brazilian plant opens in São Paulo.



The acquisition of Magneti Marelli horns production leads FIAMM to cover FIAT horns demand almost totally.



THE WORLD'S
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klaxon

Through the acquisition of the historical French horn manufacturer Klaxon, FIAMM achieves almost the entirety of Volkswagen, Peugeot and Renault horns demand, covering consequently the European Original Equipment horns market almost totally.



FIAMM opens a new horns plant in Wuhan, China, to support the car manufacturers based in this important growing market.

2017

- > Worldwide OE approved
- > OE horns largest manufacturer
- > Worldwide Support & Service
- > The right product for each sound need
- > Worldwide industrial footprint

1992

1995

Launch of the new product AM80S, so appreciated by the car makers that FIAMM in the following years will reach ten dedicated production lines in the world. FIAMM becomes the world's largest manufacturer of car horns.



2009

2013

FIAMM develops the AM80SX horn with performance at the latest state of the art. FIAMM in this years reinforces its leadership in the car horn markets and reaches a yearly production of 40 million horns, delivered all over world.



The Power of Communication

PRODUCT OVERVIEW

ELECTROMAGNETIC

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> Horns

> Discs

ELECTRONIC

Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).

> Horns

> Discs

AIR HORN

The sound is produced when compressed air passes through an acoustic trumpet.

> Pneumatic

Solutions operating with the on-board air system of the vehicle.

> Electropneumatic

Solutions equipped with a compressor and a set of trumpets.

EMERGENCY SOLUTIONS

Acoustic warning systems for priority and emergency vehicles.

> Electronic

Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeakers.

> Electropneumatic

Acoustic system composed by a compressor and a set of trumpets.

> Pneumatic

Acoustic system composed by an electronic control unit and a set of trumpets.



THE WORLD'S
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OF CAR HORNS

Performance

Sound Power



Dimension



Lifespan



Application

Sound Power	Dimension	Lifespan	Application
● ● ●	● ● ●	● ● ●	
● ●	● ●	● ● ●	
● ● ●	● ● ●	● ● ● ●	
● ●	● ●	● ● ● ●	
● ● ● ●	● ● ● ●	● ● ●	
● ● ● ●	● ● ● ●	● ● ●	
● ● ● ●	● ●	● ● ● ●	
● ● ● ●	● ● ● ●	● ● ●	
● ● ● ●	● ●	● ● ● ●	

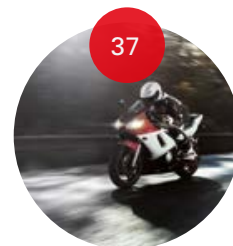
Automotive



Passenger Cars
& Light Vehicles



Truck & Bus



Motorbike

Industrial & Heavy Duty



Electromagnetic
& Electronic Horns



Air
Horns



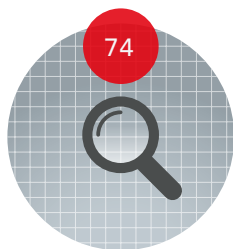
Back-up
Alarms

Marine



All

Emergency



System
overview



Fire Brigades



Police Forces



Ambulances

Miscellaneous



Musical Horns



Compressors



Relays & Valves



Gas Horns

Automotive

Passenger Cars & Light Vehicles

FIAMM

Acoustic Devices



		Sound Power	Dimension	Lifespan		
ELECTROMAGNETIC HORNS The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.	> Horns	●●●	●●●	●●●	AM80 line	10
	> Discs	●●	●●	●●●	HK line	16
AIR HORN The sound is produced when compressed air passes through an acoustic trumpet.	> Electropneumatic	●●●	●●●	●●●	M4 line MT line	17
ELECTRONIC HORNS Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).	> Horns	●●●	●●●	●●●	LLH line	19

AM80 line

Compact emergency horn approved for road use. The most commonly installed by car manufacturers.

Avertisseur homologué, de petite taille pour utilisation routière. Le système est le plus installé par la première monte.

Für den Straßenverkehr zugelassene Signaleinrichtung mit kleiner Hupe. Die von den Fahrzeugherstellern meist installierte Hupe.



100.000
cycles

THE ORIGINAL EQUIPMENT BEST CHOICE
MORE COMPACT MORE POWERFUL

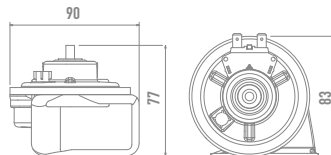


Sounds / Sons / Klänge www.fiamm.com/Horns

AM80SX The technological evolution

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

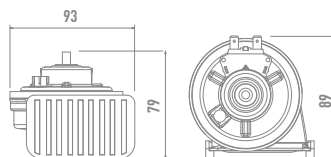
Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX - 2T COD. 932020Z + 1 RELAY	12	9	113	L = 405 H = 495	2T	36	118
AM80SX/H 12V - 2T COD. 932039Z	12	4.5	110	H = 495	2T	66	117
AM80SX/L 12V - 2T COD. 932040Z	12	4.5	110	L = 405	2T	66	117

Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX CROSS-COUNTRY DUAL 2T 12V COD. 932081Z + 1 RELAY	12	9	112	L = 405 H = 495	2T	36	118
AM80SX/H CROSS-COUNTRY 2T 12V COD. 932082Z	12	4.5	109	H = 495	2T	66	117
AM80SX/L CROSS-COUNTRY 2T 12V COD. 932083Z	12	4.5	109	L = 405	2T	66	117

Steel/ABS

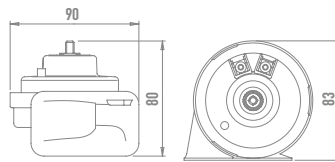
See table pag. 44

AM80S



ELECTROMAGNETIC HORNS
 AVERTISSEURS ÉLECTROMAGNÉTIQUES
 ELEKTROMAGNETISCHE HUPEN

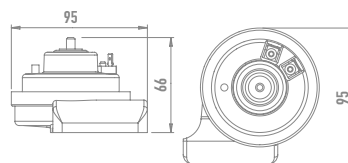
Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

AM80S - 2T > COD. 924642 + 1 RELAY	12	9	110	L = 405 H = 500	2T	36	116
AM80S/H - 2T > COD. 924156	12	4.5	107	H = 500	2T	66	115
AM80S/L - 2T > COD. 924157	12	4.5	107	L = 405	2T	66	115

Steel/ABS



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

AM80S-R - 2T > COD. 927588 + 1 RELAY	12	9	110	L = 405 H = 500	2T	36	116
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Steel/ABS

See table pag. 44

ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

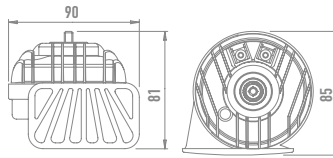
Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity

u.

Packaging

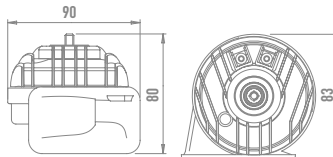


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/ABS

AM80S SUPER - 2T >
COD. 924650
 + 1 RELAY

12	9	110	L = 405 H = 500	2T	36	116
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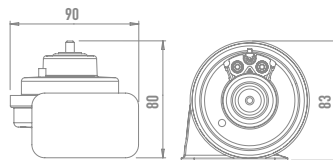


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/ABS

AM80S LUXE - 2T >
COD. 924648
 + 1 RELAY

12	9	110	L = 405 H = 500	2T	36	116
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Steel/ABS

CITROEN • DACIA
PEUGEOT • RENAULT

AM80S KIT 2TJS >
COD. 927694
 + 1 RELAY

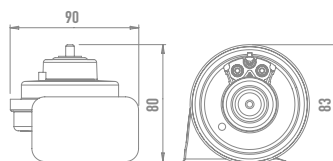
12	9	110	L = 405 H = 500	2T JUMPER JPT JUMPER SICMA II	36	116
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AM80S/H KIT 2TJS >
COD. 927382

12	4.5	107	H = 500	2T JPT SICMA II	63	S6
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AM80S/L KIT 2TJS >
COD. 927383

12	4.5	107	L = 405	2T JPT SICMA II	63	S6
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Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/ABS

AM80S/H KIT 2TV >
COD. 927386

12	4.5	107	H = 500	2T VDA	63	S6
----	-----	-----	---------	-----------	----	----

AM80S/L KIT 2TV >
COD. 927387

12	4.5	107	L = 405	2T VDA	63	S6
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AUDI • MERCEDES AMG
 MERCEDES BENZ • SEAT • SMART
 SKODA • VOLKSWAGEN

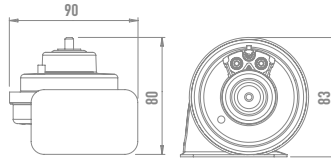
See table pag. 44

ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consumption Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	

Steel/ABS

ALFA ROMEO • ASTON MARTIN
 CHEVROLET • FERRARI • FIAT • FORD
 HOLDEN • JAGUAR • LAND ROVER
 LANCIA • MASERATI • NISSAN • OPEL
 SAAB • VAUXHALL MOTORS • VOLVO



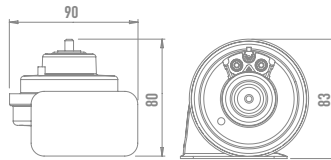
Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

AM80S KIT 2TJU >
 COD. 927695
 + 1 RELAY

12	9	110	L = 405 H = 500	2T JUMPER JPT JUMPER USCAR	36	116
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Steel/ABS

ALFA ROMEO
 ASTON MARTIN • FERRARI
 FIAT • FORD • JAGUAR
 LAND ROVER • LANCIA
 MASERATI • NISSAN • SAAB • VOLVO



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

AM80S/H KIT 2TJU >
 COD. 927388

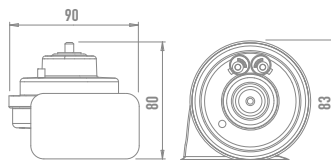
12	4.5	107	H = 500	2T JPT USCAR	63	S6
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AM80S/L KIT 2TJU >
 COD. 927389

12	4.5	107	L = 405	2T JPT USCAR	63	S6
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Steel/ABS

BMW • MINI



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

AM80S/H KIT SP >
 COD. 927384

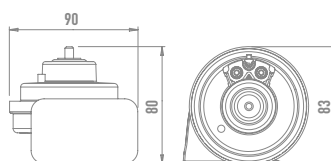
12	4.5	107	H = 500	ELO STECKER ELO POWER	63	S6
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AM80S/L KIT SP >
 COD. 927385

12	4.5	107	L = 405	ELO STECKER ELO POWER	63	S6
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Steel/ABS

CHEVROLET • HOLDEN
 MERCEDES VAN • OPEL
 RENAULT VAN • VAUXHALL MOTORS
 VOLKSWAGEN VAN



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

AM80S/H KIT UP >
 COD. 927390

12	4.5	107	H = 500	USCAR PACKARD	63	S6
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AM80S/L KIT UP >
 COD. 927391

12	4.5	107	L = 405	USCAR PACKARD	63	S6
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See table pag. 44

ELECTROMAGNETIC HORNS
 AVERTISSEURS ÉLECTROMAGNÉTIQUES
 ELEKTROMAGNETISCHE HUPEN

Voltage
 Tension
 Spannung
 V

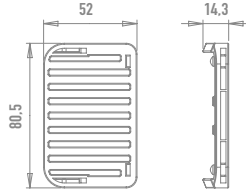
Amp. Draw
 Consommation
 Stromaufnahme
 A

Decibel
 Décibels
 Schallpegel
 dB(A) 2m

Frequency
 Fréquence
 Frequenz
 Hz

Minimum Order Quantity
 u.

Packaging



SPLASH SHIELD AM80S >
 COD. 920356
 KIT OF 4 PCS

AM80S / LLH

22

S4

ABS

HK line

Approved disc horns, available in the 80 mm version, ideal for applications on motorcycles and small cylinder vehicles, and in the 90 mm version for trucks.

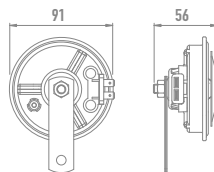
Avertisseurs à disque homologués, disponibles dans la version 80 mm, idéal pour des applications sur motos et véhicules de petite cylindrée, et dans la version 90 mm pour fourgons.

Zugelassene Teller-Hörner, erhältlich in der 80mm Version, ideal zur Anwendung an Motorrädern und Kleinfahrzeugen und in der 90 mm Version für Lieferwagen.



ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUE ELEKTROMAGNETISCHE TELLERHÖRNER

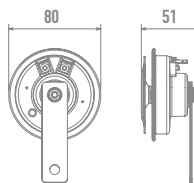
Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9 - 2T COD. 920994 + 1 RELAY	12	6	113	L = 340 H = 425	12	I14
HK9/H - 2T COD. 920995	12	3	110	H = 425	22	I13
HK9/L - 2T COD. 920996	12	3	110	L = 340	22	I13

Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK8 - 2T COD. 930067 + 1 RELAY	12	8	113	L = 350 H = 420	12	I14
HK8/H - 2T COD. 930068	12	4	110	H = 420	22	I12
HK8/L - 2T COD. 930069	12	4	110	L = 350	22	I12

Steel

Electropneumatic emergency horns with a clean and powerful sound, equipped with a new and easy installation compressor.

Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et simple à installer.

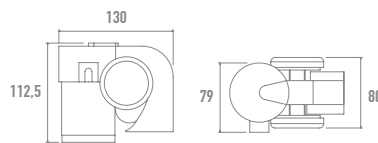
Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.

M4 line MT line



ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	

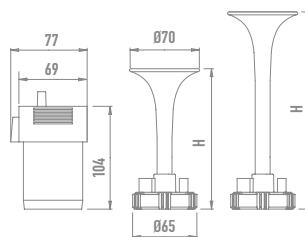


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ULTIMATE BLAST > COD. 921939

ABS, Steel, Aluminum

12	19	115	L = 530 H = 660	-	12	C4
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Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4/TA2 > COD. 921981 PLASTIC

M4/TA SPORT > COD. 921984 PLASTIC

Steel/Aluminium

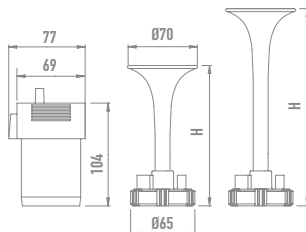
12	17	116	L = 655 H = 828	203 147	10	B3
12	17	116	L = 695 H = 788	193 152	10	B3

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	



Steel/Aluminium



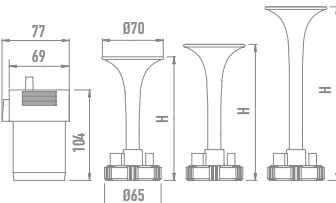
Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

- M4/TA-BLU
 COD. 921986
 PLASTIC
- M4/TA2-M
 COD. 921985
 METAL

12	17	116	L = 622 H = 788	212 152	10	B3
12	17	116	L = 622 H = 788	212 152	10	B3



Steel/Aluminium



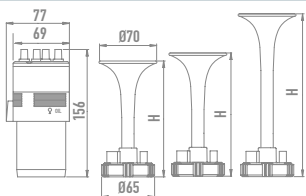
Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

- M4/TA3
 COD. 921983
 PLASTIC

12	17	116	L = 655 M = 768 H = 828	203 155 147	10	B3
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Steel/Aluminium



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

- TRIO
 COD. 921967
 PLASTIC
- MT/3i
 COD. 921969
 PLASTIC
- MT/3i Metal
 COD. 920387
 METAL

12	17	116	L = 655 M = 768 H = 828	203 155 147	10	B1
12	17	116	L = 622 M = 695 H = 788	212 193 152	10	B1
12	17	116	L = 622 M = 695 H = 788	213 193 152	10	B2

LLH, Long Life Horn, is an electronic snail horn engineered by FIAMM. This horn can be installed in every car model thanks to its compact size due to internal electronics assembly and it ensures a duration of more than 2 million cycles.

LLH, Long Life Horn, est un avertisseur électronique conçu par FIAMM. Cet avertisseur peut être installé dans tous les modèles de voiture grâce à ses dimensions compactes dues à l'assemblage interne de l'électronique.

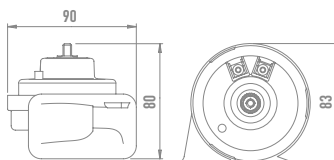
LLH, Long Life Horn, ist eine von FIAMM entwickelte schneckenförmige Hupe. Diese Hupe kann dank seiner kompakten Abmessungen in jedem Auto durch interne Elektronik installiert werden.

LLH line



ELECTRONIC HORNS AVERTISSEURS ÉLECTRONIQUES ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/ABS

ELECTRONIC LONG LIFE HORN 2.000.000 cycles

AUDI • BMW • MERCEDES AMG
MERCEDES BENZ • SEAT • SMART
SKODA • VOLKSWAGEN

ALFA ROMEO • ASTON MARTIN
CHEVROLET • FERRARI • FIAT
FORD • HOLDEN • JAGUAR • LAND ROVER
LANCIA • MASERATI • NISSAN • OPEL
SAAB • VAUXHALL MOTORS • VOLVO

LLH - 2T COD. 925047 + 1 RELAY	12	9	110	L = 405 H = 500	2T	12	I14
LLH/H - 2T COD. 925049	12	4.5	107	H = 500	2T	22	I12
LLH/L - 2T COD. 925048	12	4.5	107	L = 405	2T	22	I12
LLH-V/H COD. 925145	12	4.5	107	H = 500	VDA	22	I12
LLH-V/L COD. 925146	12	4.5	107	L = 405	VDA	22	I12
LLH-U/H COD. 925147	12	4.5	107	H = 500	USCAR	22	I12
LLH-U/L COD. 925148	12	4.5	107	L = 405	USCAR	22	I12

See table pag. 44

Accessories Accessoires Zubehör

Adapters with original equipment connector that allows easier installation of two-terminal emergency horns.

Adaptateurs avec connecteur de première installation qui permet une installation plus facile de l'avertisseur à deux bornes.

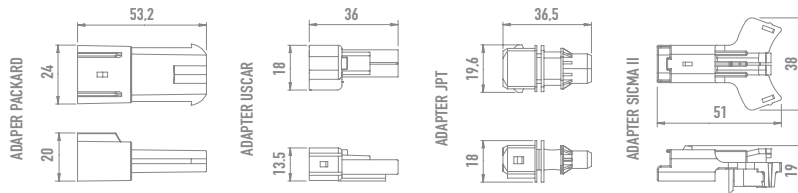
Adapter mit Erstausrüster-Anschluss für eine leichtere Installation der zweipoligen Signaleinrichtung.

Relays available in 12V versions to complete the electrical circuit.

Relais disponibles à 12V pour compléter le circuit électrique.

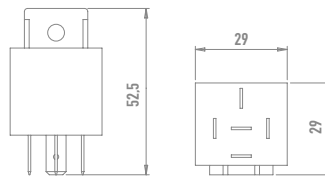
Mit 12V erhältliches Relais zur Vervollständigung des Stromkreises.

Voltage Tension Spannung	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
V		u.	



For 2 terminals connection

ADAPTER PACKARD > COD. 920316 KIT OF 3 PCS	-	IVECO • MERCEDES • OPEL • RENAULT VOLKSWAGEN	9	S2
ADAPTER USCAR > COD. 920317 KIT OF 3 PCS	-	ALFAROMEQ • FERRARI • FIAT • FORD • HOLDEN • JAGUAR LANDROVER • LANCIA • OPEL • VAUXALL • VOLVO	9	S2
ADAPTER JPT > COD. 920318 KIT OF 3 PCS	-	ALFAROMEQ • DACIA • FORD • LAND ROVER MASERATI • RENAULT • VOLVO	9	S2
ADAPTER SICMA II > COD. 920319 KIT OF 3 PCS	-	CITROEN • PEUGEOT	9	S2



RELAY 12V > COD. 920960 5 PINS	12	-	240	U
--------------------------------------	----	---	-----	---

Automotive

Truck & Bus



FIAMM

Acoustic Devices



		Sound Power	Dimension	Lifespan		
ELECTROMAGNETIC HORNS The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.	> Horns	●●●	●●●	●●●	TR99 line	22
	> Discs	●●	●●	●●●	HK line	23
AIR HORN The sound is produced when compressed air passes through an acoustic trumpet.	> Pneumatic Solutions operating with the on-board air system of the vehicle	●●●	●●●	●●●	JERICHO line FA 260 line FULTONE line TIR line TC2 line	24
	> Electropneumatic Solutions equipped with a compressor and a set of trumpets	●●●	●●●	●●●	M4 line ALA line	29
BACK-UP ALARMS Reverse horns for heavy and industrial vehicles	> Electronic	●●●	●●	●●●	BA line BK line	32

TR99 line

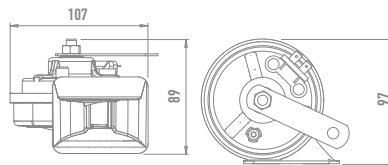
A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

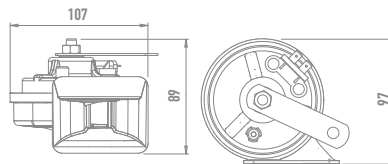
Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TR99 - 2T COD. 922010 + 1 RELAY	24	5	112	L = 420 H = 500	16	G1
TR99/L+L - 2T COD. 922012 + 1 RELAY	24	5	112	L = 420 L = 420	16	G1

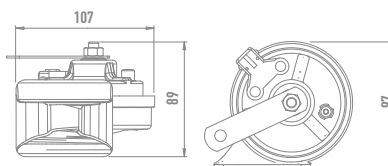
Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TR99/H 24V - 2T COD. 922020	24	2.5	109	H = 500	32	L4
TR99/L 24V - 2T COD. 922021	24	2.5	109	H = 420	32	L4

Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TR99/L+L - JPT COD. 922018 + 1 RELAY	24	65	112	L = 420 L = 420	16	G1
TR99/L - PACKARD COD. 422263114	24	2.5	109	L = 420	9	I3

Steel/ABS

A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.

HK line



ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUE ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

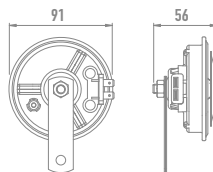
Minimum Order Quantity

u.

Packaging



Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9 - 2T >
COD. 920368
+ 1 RELAY
HK9/H - 2T >
COD. 920369
HK9/L - 2T >
COD. 920370

24

3

113

L = 340
H = 425

12

114

24

1.5

110

H = 425

22

113

24

1.5

110

L = 340

22

113

JERICHO line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption
Consommation
d'air
Luftverbrauch
l/sec

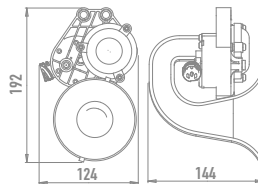
Pressure
Pression
Betriebsdruck
kPa

Decibel
Décibels
Schallpegel
dB(A) 2m

Frequency
Fréquence
Frequenz
Hz

Minimum Order Quantity
u.

Packaging



24 V | 0,8 A

Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

JERICHO AIR COMPACT >
COD. 928028

ABS

0.4

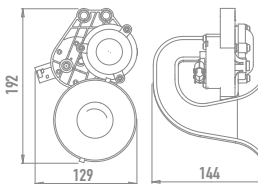
300
1000

118

400

13

R



24 V | 0,8 A

Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

JERICHO AIR COMPACT >
24V HDSCS
COD. 928026

ABS

Volvo and Renault Truck since 2013

0.4

300
1000

118

400

13

R

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.

FA 260 line



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption
 Consommation d'air
 Luftverbrauch
 l/sec

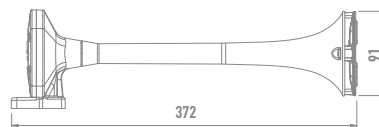
Pressure
 Pression
 Betriebsdruck
 kPa

Decibel
 Décibels
 Schallpegel
 dB(A) 2m

Frequency
 Fréquence
 Frequenz
 Hz

Minimum Order Quantity
 u.

Packaging



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

FA 260 >
 COD. 921130

7

500
 1000

117

260

6

F17

FULTONE line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption
Consommation
d'air
Luftverbrauch
l/sec

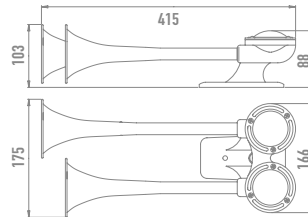
Pressure
Pression
Betriebsdruck
kPa

Decibel
Décibels
Schallpegel
dB(A) 2m

Frequency
Fréquence
Frequenz
Hz

Minimum Order Quantity
u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Inox Steel

FULTONE T >
COD. 920308

0.9

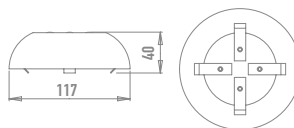
500
1200

117

L = 260
H = 300

6

F4



Chromated Steel

SPOILER FULTONE T >
COD. 920322
KIT OF 2 PCS

9

15

TIR line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.

PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption
Consommation
d'air
Luftverbrauch

l/sec

Pressure
Pression
Betriebsdruck

kPa

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

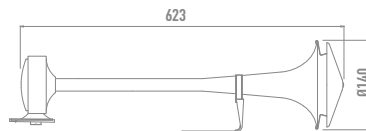
Minimum Order Quantity

u.

Packaging



Inox Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Standard application
MAN • MERCEDES • HYUNDAI

TA150 >
COD. 920613

5.5

600
1200

118

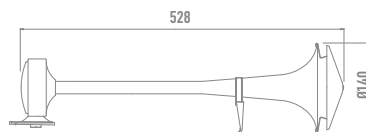
150

9

M



Inox Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Standard application
MAN • MERCEDES • HYUNDAI

TA180 >
COD. 920614

5.5

600
1200

118

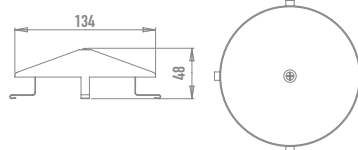
180

9

M



Inox Steel



SPOILER TIR >
COD. 920326
KIT OF 2 PCS

-

9

15

TC/2 line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption
 Consommation d'air
 Luftverbrauch
 l/sec

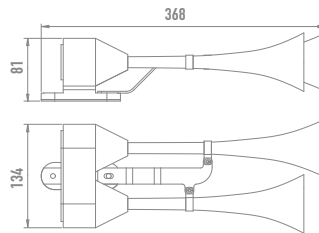
Pressure
 Pression
 Betriebsdruck
 kPa

Decibel
 Décibels
 Schallpegel
 dB(A) 2m

Frequency
 Fréquence
 Frequenz
 Hz

Minimum Order Quantity
 u.

Packaging



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

ABS

TC/2 PV WITH BRACKET >
 COD. 921126

Standard application = IVECO

0.9

500
1200

117

L = 392
H = 415

6

F5

Electropneumatic horns with a clean and powerful sound, equipped with a new and easy installation compressor.

Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et facile à installer.

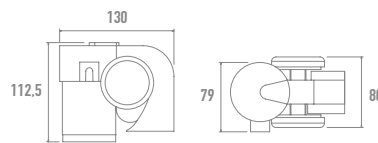
Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.

M4 line



ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	

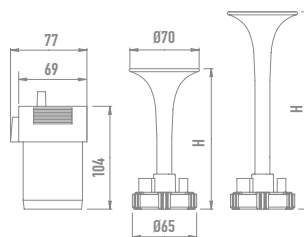


Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

ULTIMATE BLAST >
COD. 920621

ABS, Steel, Aluminum

24	8	115	L = 530 H = 660	-	12	C4
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Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

M4/TA2 >
COD. 921982
 PLASTIC

M4/TA-BLU >
COD. 921987
 PLASTIC

Steel/Aluminium

24	8	116	L = 655 H = 828	203 147	10	B3
24	8	116	L = 622 H = 788	212 152	10	B3

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

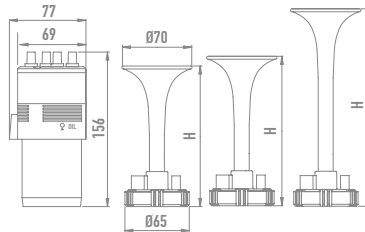
H

mm

Minimum Order Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/Aluminium

TRIO
COD. 921968
 PLASTIC

24

8

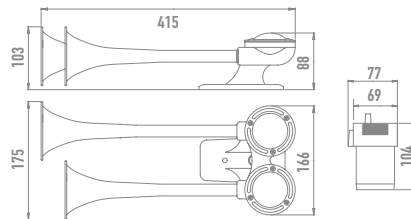
116

L = 655
M = 768
H = 828

203
155
147

10

B1



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/Aluminium

M4/FUL
COD. 921990
 INOX STEEL

12

17

115

L = 260
H = 300

-

6

F9

Electropneumatic horn ideal for installations on public transport vehicles.

Avertisseur électropneumatique idéal pour installations sur moyens de transport public urbain.

Elektropneumatische Hupe, ideal für die Installation an öffentlichen Verkehrsmitteln.

ALA line

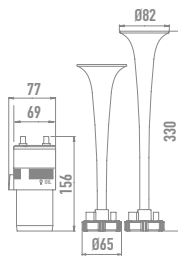


ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ALA 12V COD. 921997 PLASTIC	12	17	116	L = 390 H = 490	8	H
ALA 24V COD. 921998 PLASTIC	24	8	116	L = 390 H = 490	8	H

BA line BK line

Reverse horns for applications on heavy and industrial vehicles. The range includes horns with different technical and acoustic features to satisfy all possible applications.

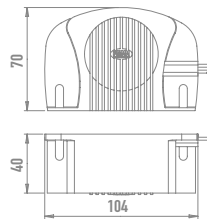
Avertisseurs de marche-arrière pour applications sur véhicules industriels. La gamme comprend des avertisseurs ayant différentes caractéristiques techniques et sonores pour satisfaire toutes les applications.

Rückfahrhörner zur Anwendung an LKWs und Industriefahrzeugen. Die Produktpalette beinhaltet Signaleinrichtungen mit unterschiedlichen Eigenschaften in Technik und Klang um allen möglichen Anwendungen zu entsprechen.



BACK-UP ALARMS AVERTISSEUR DE REcul RÜCKFAHRMELDER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 1.2m	Hz	u.	

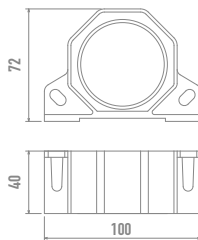


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

BA87 >
COD. 923152
TYPE C ALARM

24	0.5	97	1500	22	12
12	1				



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

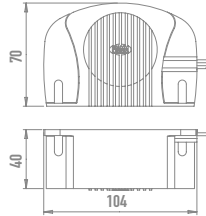
Nylon

BA87 12-80V >
COD. 923163
TYPE C ALARM

12-80	0.3	97	1270	35	G2
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BACK-UP ALARMS
AVERTISSEUR DE REcul
RÜCKFAHRMELDER

Voltage Tension Spannung	Amp. Draw Consumption Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 1.2m	Hz	u.	

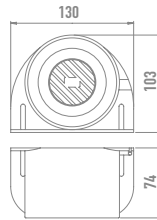


Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

ABS

BA107 >
COD. 923158
 TYPE B ALARM

24	0.5	107	1400	22	12
12	1				

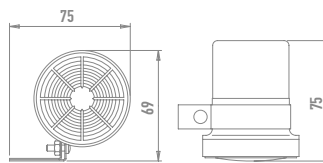


Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

ABS

BA112 >
COD. 923159
 TYPE A ALARM
BA87-112 ADAPTIVE >
COD. 923160
 TYPE A-D ALARM

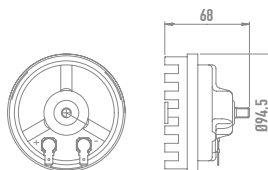
24	0.5	112	1400	9	13
12	1				
24	0.5	87	1400	9	13
12	1	112 adaptive			



MINI ALARM 97 >
COD. 923161

Plastic

12	0.7	97	1700	22	17
----	-----	----	------	----	----



BK9 HEAVY DUTY - 2T >
COD. 923009

Steel/ABS

24	0.7	94	780	22	11
12	1.4				

Accessories

Accessoires

Zubehör

PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Voltage
 Tension
 Spannung

V

Pressure
 Pression
 Betriebsdruck

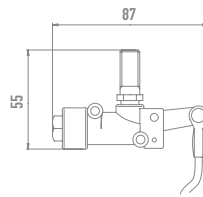
kPa

Suitable for
 Approprié pour
 Geeignet für

Minimum Order Quantity

u.

Packaging



AIR HORN VALVE KIT >
COD. 920321

Steel

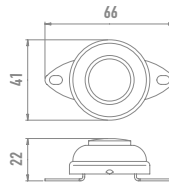
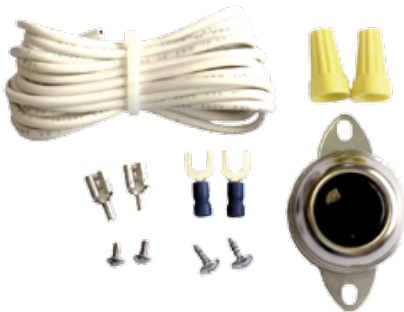
MANUAL

500
1200

TA180 / TA150
 FULTONE / TC/2 PV

9

S3



HORN BUTTON SWITCH KIT >
COD. 920320

Plastic/metal

12
24

-

ELECTRIC HORNS

9

S3

PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Voltage
 Tension
 Spannung

V

Amp. Draw
 Consommation
 Stromaufnahme

A

Pressure
 Pression
 Betriebsdruck

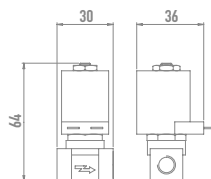
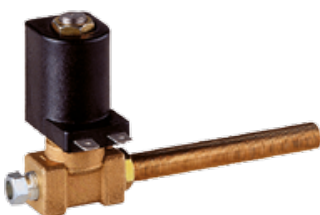
Bar

Suitable for
 Approprié pour
 Geeignet für

Minimum Order Quantity

u.

Packaging



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

EV 12V - 2T >
COD. 920950

12

1.5

500
1200

8

A

EV 24V - 2T >
COD. 920975

24

0.7

500
1200

TA180
 TA150
 FULTONE
 TC/2 PV

8

A

EV 24V WITH FILTER - 2T >
COD. 921131

24

0.7

500
1200

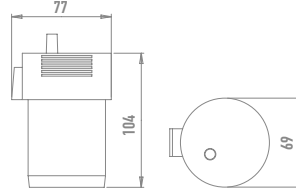
8

A

Metal

COMPRESSORS
COMPRESSEURS
VERDICHTER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

M4 12V >
 COD. 921988

12

17

1.2

80

16

18

M4 24V >
 COD. 921989

24

8

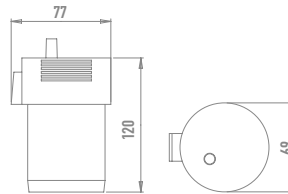
1.2

80

16

18

Steel/Aluminium



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

MC4 12V >
 COD. 921991

12

17

1.4

80

16

19

MC4 24V >
 COD. 921992

24

8

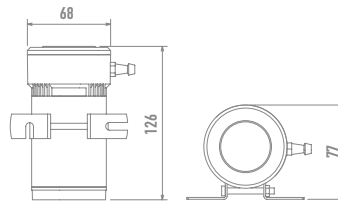
1.4

80

16

19

Steel/Aluminium



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

MC4+ 12V >
 COD. 921937

12

17

1.9

80

16

110

MC4+ 24V >
 COD. 921938

24

8

1.9

80

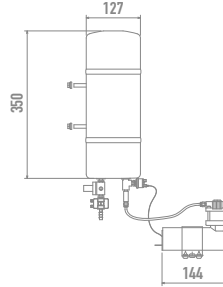
16

110

Steel/Aluminium

COMPRESSORS
COMPRESSEURS
VERDICHTER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	



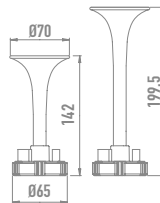
TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

12	11	3	100	1	V
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TRUMPETS
TROMPES
HÖRNER

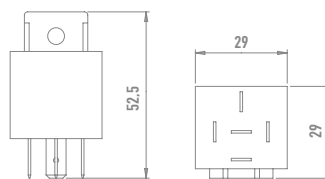
Voltage Tension Spannung	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Pressure Pression Betriebsdruck	Air consumption Consommation d'air Luftverbrauch	Minimum Order Quantity	Packaging
V	dB(A) 2m	Hz	Bar	l/min	u.	



TA/O SHORT ● >
COD. 920358
PLASTIC - 1 PC
TA/2 ● >
COD. 920357
PLASTIC - KIT OF 2 PCS

-	118	831	1 - 4	30	40	F2
-	118	659 831	1 - 4	60	20	F1

Voltage Tension Spannung	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
V		u.	



RELAY 24V >
COD. 920961
5 PINS

24	-	240	U
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Automotive

Motorbike



FIAMM

Acoustic Devices



		Sound Power	Dimension	Lifespan		
ELECTROMAGNETIC HORNS The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.	> Horns	●●●	●●●	●●●	AM80 line	38
	> Discs	●●	●●	●●●	HK line	41
ELECTRONIC HORNS Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).	> Horns	●●●	●●●	●●●	LLH line	42
ELECTROPNEUMATIC HORNS The sound is produced when compressed air passes through an acoustic trumpet.	> Electropneumatic Solutions equipped with a compressor and a set of trumpets	●●●	●●●	●●●	Ultimate Blast	43

AM80 line

Compact emergency horn approved for road use. The most commonly installed by car manufacturers.

Avertisseur homologué, de petite taille pour utilisation routière. Le système est le plus installé par la première monte.

Für den Straßenverkehr zugelassene Signaleinrichtung mit kleiner Hupe. Die von den Fahrzeugherstellern meist installierte Hupe.

AM80SX The technological evolution

THE ORIGINAL EQUIPMENT
BEST CHOICE
MORE COMPACT MORE
POWERFUL

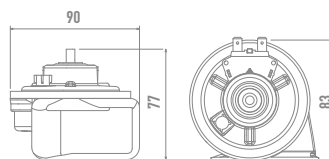
100.000
cycles



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX - 2T COD. 932020Z + 1 RELAY	12	9	113	L = 405 H = 495	2T	36	118
AM80SX/H 12V - 2T COD. 932039Z	12	4.5	110	H = 495	2T	66	117
AM80SX/L 12V - 2T COD. 932040Z	12	4.5	110	L = 405	2T	66	117

Steel/ABS

See table pag. 44

AM80S



ELECTROMAGNETIC HORNS
 AVERTISSEURS ÉLECTROMAGNÉTIQUES
 ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

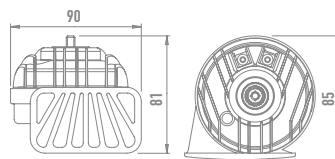
Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S SUPER - 2T >
COD. 924650
 + 1 RELAY

Steel/ABS

12

9

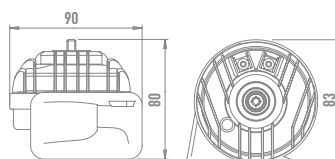
110

L = 405
H = 500

2T

36

116



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S LUXE - 2T >
COD. 924648
 + 1 RELAY

Steel/ABS

12

9

110

L = 405
H = 500

2T

36

116

See table pag. 44

ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

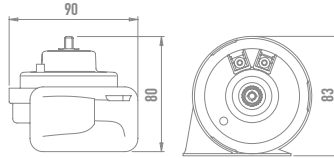
Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity
Packaging

u.

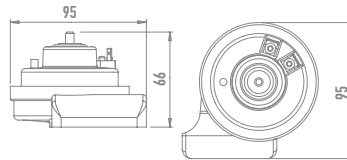


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S - 2T >
COD. 924642
 + 1 RELAY
 AM80S/H - 2T >
COD. 924156
 AM80S/L - 2T >
COD. 924157

	12	9	110	L = 405 H = 500	2T	36	116
AM80S - 2T	12	9	110	L = 405 H = 500	2T	36	116
AM80S/H - 2T	12	4.5	107	H = 500	2T	66	115
AM80S/L - 2T	12	4.5	107	L = 405	2T	66	115

Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S-R - 2T >
COD. 927588
 + 1 RELAY

	12	9	110	L = 405 H = 500	2T	36	116
AM80S-R - 2T	12	9	110	L = 405 H = 500	2T	36	116

Steel/ABS

See table pag. 44

A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

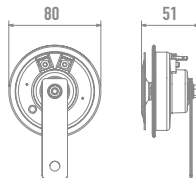
Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.

HK line



ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUE ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK8 - 2T COD. 930067 + 1 RELAY	12	8	113	L = 350 H = 420	12	I14
HK8/H- 2T COD. 930068	12	4	110	H = 420	22	I12
HK8/L- 2T COD. 930069	12	4	110	L = 350	22	I12

Steel

LLH line

LLH, Long Life Horn, is an electronic snail horn engineered by FIAMM. This horn can be installed in every car model thanks to its compact size due to internal electronics assembly and it ensures a duration of more than 2 million cycles.

LLH, Long Life Horn, est un avertisseur électronique conçu par FIAMM. Cet avertisseur peut être installé dans tous les modèles de voiture grâce à ses dimensions compactes dues à l'assemblage interne de l'électronique.

LLH, Long Life Horn, ist eine von FIAMM entwickelte schneckenförmige Hupe. Diese Hupe kann dank seiner kompakten Abmessungen in jedem Auto durch interne Elektronik installiert werden.



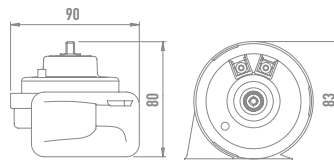
ELECTRONIC HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Steel/ABS

ELECTRONIC LONG LIFE HORN
2.000.000 cycles



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

LLH - 2T COD. 925047 + 1 RELAY	12	9	110	L = 405 H = 500	2T	12	I14
LLH/H - 2T COD. 925049	12	4.5	107	H = 500	2T	22	I12
LLH/L - 2T COD. 925048	12	4.5	107	L = 405	2T	22	I12

See table pag. 44

Electropneumatic horns with a clean and powerful sound, equipped with a new and easy installation compressor.

Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et facile à installer.

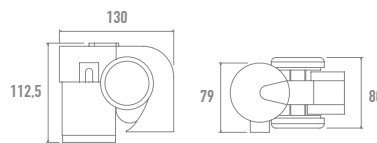
Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.

Ultimate Blast



ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

ABS, Steel, Aluminum

ULTIMATE BLAST >
 COD. 921939

12

19

115

L = 530
 H = 660

12

C4

Accessories Accessoires Zubehör

Relays available in 12V versions to complete the electrical circuit.

Relais disponibles à 12V pour compléter le circuit électrique.

Mit 12V erhältliches Relais zur Vervollständigung des Stromkreises.

Voltage
Tension
Spannung

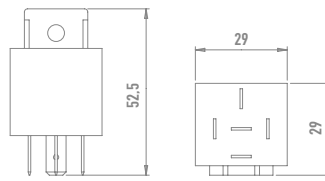
V

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



RELAY 12V >
COD. 920960
5 PINS

12

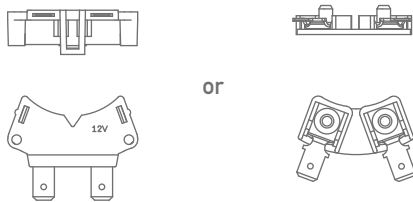
-

240

U

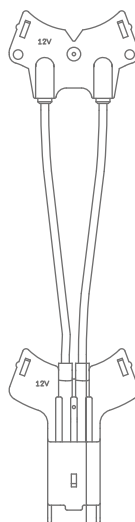
Connectors | Connecteurs | Stecker

2T

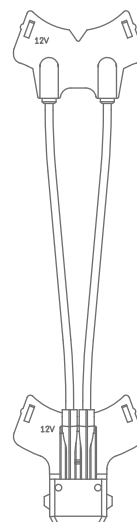


or

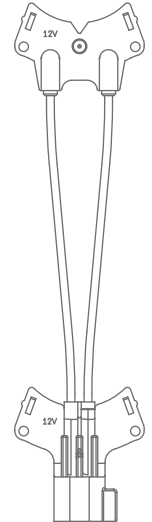
JUMPER SICMA II



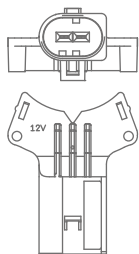
JUMPER JPT



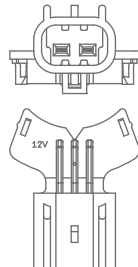
JUMPER USCAR



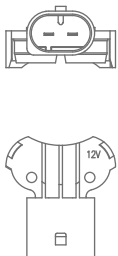
VDA



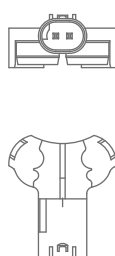
PACKARD



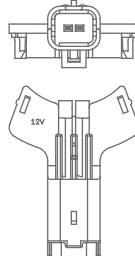
ELO POWER



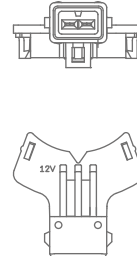
ELO STECKER



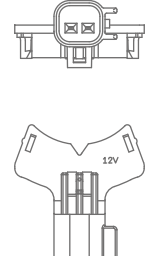
SICMA II



JPT



USCAR



Industrial & Heavy Duty

Electromagnetic & Electronic Horns



FIAMM

Acoustic Devices



Sound Power Dimension Lifespan



ELECTROMAGNETIC HORNS

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> Horns



AM80 line
TR99 line

46

> Discs



HK line

49

ELECTRONIC HORNS

Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).

> Horns



LLH line

50

> Discs



HK9E line

51

AM80 line

Compact emergency horn approved for road use. The most commonly installed by car manufacturers.

Avertisseur homologué, de petite taille pour utilisation routière. Le système est le plus installé par la première monte.

Für den Straßenverkehr zugelassene Signaleinrichtung mit kleiner Hupe. Die von den Fahrzeugherstellern meist installierte Hupe.

AM80SX The technological evolution

THE ORIGINAL EQUIPMENT
BEST CHOICE
MORE COMPACT
MORE POWERFUL

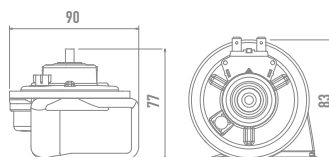
100.000
cycles



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX/H 12V - 2T COD. 932039Z	12	4.5	110	H = 495	2T	66	117
AM80SX/L 12V - 2T COD. 932040Z	12	4.5	110	L = 405	2T	66	117

Steel/ABS

See table pag. 44

AM80S



ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

Connectors
Connecteurs
Stecker

See table pag. 44

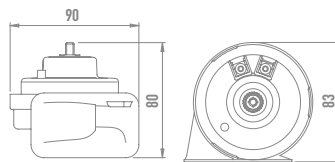
Minimum Order Quantity

u.

Packaging



Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Model	Quantity	Amp. Draw	Decibel	Frequency	Connectors	Minimum Order Quantity	Packaging
AM80S/H - 2T COD. 924156	12	4.5	107	H = 500	2T	66	I15
AM80S/L - 2T COD. 924157	12	4.5	107	L = 405	2T	66	I15

See table pag. 44

TR99 line

A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

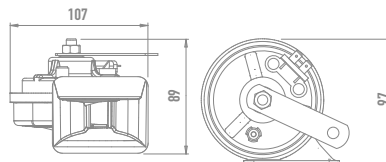
Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.



ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

TR99/H 24V - 2T COD. 922020	24	2.5	109	H = 500	32	L4
TR99/L 24V - 2T COD. 922021	24	2.5	109	L = 420	32	L4

Steel/ABS

HK line

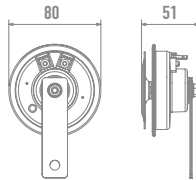
Approved disc horns, available in the 80 mm version, ideal for applications on motorcycles and small cylinder vehicles, and in the 90 mm version for trucks.

Avertisseurs à disque homologués, disponibles dans la version 80 mm, idéal pour des applications sur motos et véhicules de petite cylindrée, et dans la version 90 mm pour fourgons.

Zugelassene Teller-Hörner, erhältlich in der 80mm Version, ideal zur Anwendung an Motorrädern und Kleinfahrzeugen und in der 90 mm Version für Lieferwagen.

ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUE ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK8/H - 2T >
COD. 930068

12

4

110

H = 420

22

I12

HK8/L - 2T >
COD. 930069

12

4

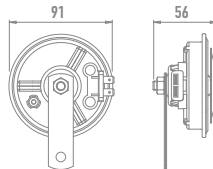
110

L = 350

22

I12

Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9/H - 2T >
COD. 920995

12

3

110

H = 425

22

I13

HK9/L - 2T >
COD. 920996

12

3

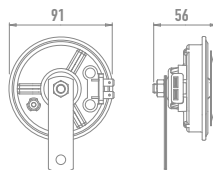
110

L = 340

22

I13

Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9/H - 2T >
COD. 920369

24

1.5

110

H = 425

22

I13

HK9/L - 2T >
COD. 920370

24

1.5

110

L = 340

22

I13

Steel/Aluminium

LLH line

LLH, Long Life Horn, is an electronic snail horn engineered by FIAMM. This horn can be installed in every car model thanks to its compact size due to internal electronics assembly and it ensures a duration of more than 2 million cycles.

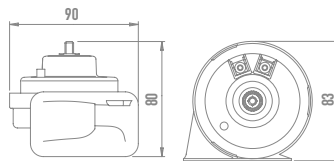
LLH, Long Life Horn, est un avertisseur électronique conçu par FIAMM. Cet avertisseur peut être installé dans tous les modèles de voiture grâce à ses dimensions compactes dues à l'assemblage interne de l'électronique.

LLH, Long Life Horn, ist eine von FIAMM entwickelte schneckenförmige Hupe. Diese Hupe kann dank seiner kompakten Abmessungen in jedem Auto durch interne Elektronik installiert werden.



ELECTRONIC HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

Steel/ABS

LLH/H - 2T >
 COD. 925049

12	4.5	107	H = 500	2T	22	I12
----	-----	-----	---------	----	----	-----

LLH/L - 2T >
 COD. 925048

12	4.5	107	L = 405	2T	22	I12
----	-----	-----	---------	----	----	-----

ELECTRONIC LONG LIFE HORN
 2.000.000 cycles

See table pag. 44

Electronic disc horn for industrial and military applications, available in multivoltage 24-48V.

Avertisseur électronique à disque pour applications industrielles et militaires, disponible avec tensions multiples 24-48 V.

Elektronisches Teller-Horn für industrielle und militärische Anwendungen, erhältlich in Multispannung 24-48V.

HK9E line



ELECTROMAGNETIC HORNS DISCS
DISQUES ÉLECTROMAGNÉTIQUE
ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

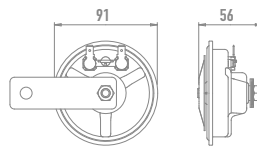
Frequency
Fréquence
Frequenz

Hz

Minimum Order Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/Aluminium

ELECTRONIC LONG LIFE HORN 500.000 cycles

HK9/E - 2T >
COD. 985902

48
24

0,4
0,8

110

430

22

11

Continuous sound

Industrial & Heavy Duty

Air Horns



FIAMM

Acoustic Devices



AIR HORN

The sound is produced when compressed air passes through an acoustic trumpet.

> **Pneumatic**
Solutions operating with the on-board air system of the vehicle

> **Electropneumatic**
Solutions equipped with a compressor and a set of trumpets

Sound Power

Dimension

Lifespan



Jericho line
TIR line
Fultone line

54



M4 line
MT line

56

JERICHO line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption
 Consommation d'air
 Luftverbrauch
 l/sec

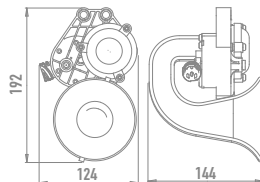
Pressure
 Pression
 Betriebsdruck
 kPa

Decibel
 Décibels
 Schallpegel
 dB(A) 2m

Frequency
 Fréquence
 Frequenz
 Hz

Minimum Order Quantity
 u.

Packaging



24 V | 0,8 A



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

JERICHO AIR COMPACT >
 COD. 928028

ABS

0.4

300
1000

118

400

13

R

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

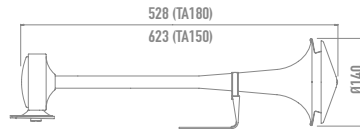
Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.

TIR line

PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TA180 >
COD. 920614

5.5	600 1200	118	180	9	M
-----	-------------	-----	-----	---	---

TA150 >
COD. 920613

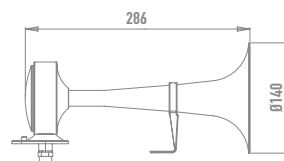
5.5	600 1200	118	150	9	M
-----	-------------	-----	-----	---	---

SPOILER TIR >
COD. 920326
KIT OF 2 PCS

-	-	-	-	9	15
---	---	---	---	---	----

Inox Steel

Standard application
MAN • MERCEDES • HYUNDAI

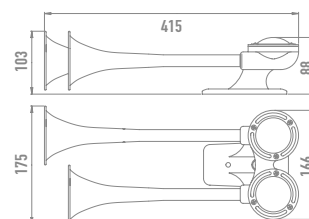


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TA MP >
COD. 920374

5.5	400 800	128	380	5	F15
-----	------------	-----	-----	---	-----

Inox Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

FULTONE T >
COD. 920308

09	500 1200	117	L = 260 H = 300	6	F4
----	-------------	-----	--------------------	---	----

Inox Steel

M4 line MT line

Electropneumatic horns with a clean and powerful sound, equipped with a new and easy installation compressor.

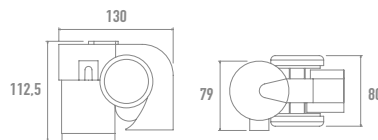
Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et facile à installer.

Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.



ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN

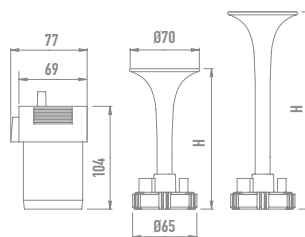
Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ULTIMATE BLAST COD. 921939	12	19	115	L = 530 H = 660	-	12	C4
ULTIMATE BLAST COD. 920621	24	8	115	L = 530 H = 660	-	12	C4

ABS, Steel, Aluminum



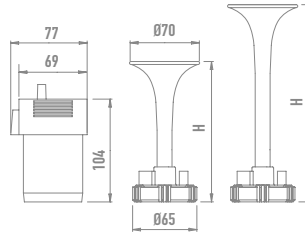
Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4/TA2 COD. 921981 PLASTIC	12	17	116	L = 655 H = 828	203 147	10	B3
M4/TA SPORT COD. 921984 PLASTIC	12	17	116	L = 695 H = 788	193 152	10	B3

Steel/Aluminium

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	

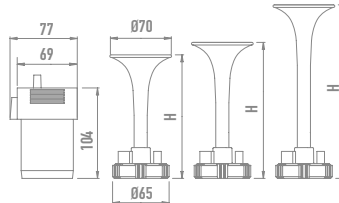


Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

- M4/TA-BLU
 COD. 921986
 PLASTIC
- M4/TA2-M
 COD. 921985
 METAL

12	17	116	L = 622 H = 788	212 152	10	B3
12	17	116	L = 622 H = 788	212 152	10	B3

Steel/Aluminium

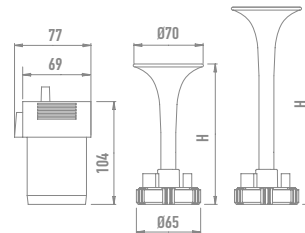


Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

- M4/TA3
 COD. 921983
 PLASTIC

12	17	116	L = 655 M = 768 H = 828	203 155 147	10	B3
----	----	-----	-------------------------------	-------------------	----	----

Steel/Aluminium



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

- M4/TA2
 COD. 921982
 PLASTIC
- M4/TA-BLU
 COD. 921987
 PLASTIC

24	8	116	L = 655 H = 828	203 147	10	B3
24	8	116	L = 622 H = 788	212 152	10	B3

Steel/Aluminium

Accessories

Accessoires

Zubehör

PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Pressure
Pression
Betriebsdruck

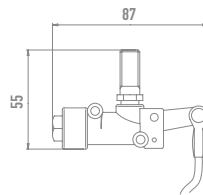
kPa

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



AIR HORN VALVE KIT >
COD. 920321

Steel

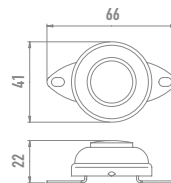
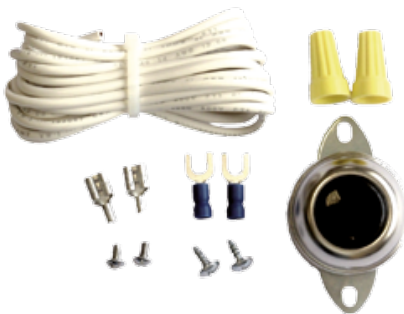
MANUAL

500
1200

TA180 / TA150
 FULTONE / TC/2 PV

9

S3



HORN BUTTON SWITCH KIT >
COD. 920320

Plastic/metal

12
24

-

ELECTRIC HORNS

9

S3

PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

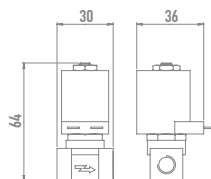
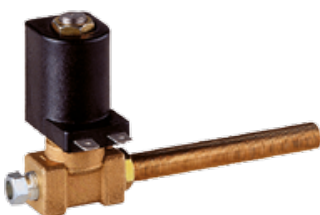
Bar

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

EV 12V - 2T >
COD. 920950

12

1.5

500
1200

TA180
 TA150
 FULTONE
 TC/2 PV

8

A

EV 24V - 2T >
COD. 920975

24

0.7

500
1200

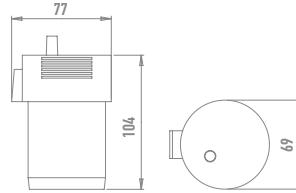
8

A

Metal

COMPRESSORS
COMPRESSEURS
VERDICHTER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

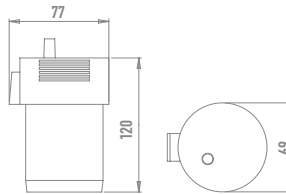
M4 12V >
COD. 921988

12	17	1.2	80	16	18
----	----	-----	----	----	----

M4 24V >
COD. 921989

24	8	1.2	80	16	18
----	---	-----	----	----	----

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

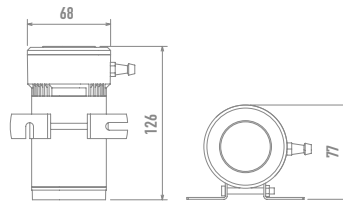
MC4 12V >
COD. 921991

12	17	1.4	80	16	19
----	----	-----	----	----	----

MC4 24V >
COD. 921992

24	8	1.4	80	16	19
----	---	-----	----	----	----

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

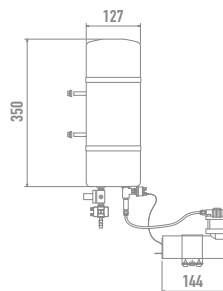
MC4+ 12V >
COD. 921937

12	17	1.9	80	16	110
----	----	-----	----	----	-----

MC4+ 24V >
COD. 921938

24	8	1.9	80	16	110
----	---	-----	----	----	-----

Steel/Aluminium



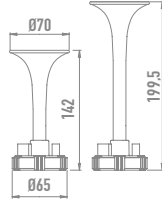
TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

12	11	3	100	1	V
----	----	---	-----	---	---

TRUMPETS
TROMPES
HÖRNER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Pressure Pression Betriebsdruck	Air consumption Consommation d'air Luftverbrauch	Minimum Order Quantity	Packaging
V	dB(A) 2m	Hz	Bar	l/min	u.	

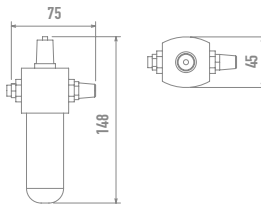


TA/O SHORT
COD. 920358
PLASTIC - 1 PC
TA/2
COD. 920357
PLASTIC - KIT OF 2 PCS

-	118	831	1 - 4	30	40	F2
-	118	659 831	1 - 4	60	20	F1

Suitable for
Approprié pour
Geeignet für

Minimum Order Quantity	Packaging
u.	



Metal/Plastic

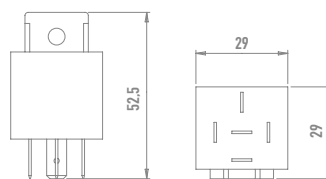
LUBRICATOR >
COD. 920617

MC4 EMERGENCY/MC4+	8	S5
--------------------	---	----

Voltage
Tension
Spannung

Suitable for
Approprié pour
Geeignet für

Minimum Order Quantity	Packaging
u.	



RELAY 12V >
COD. 920960
5 PINS
RELAY 24V >
COD. 920961
5 PINS

12	-	240	U
24	-	240	U

Industrial & Heavy Duty

Back-up Alarms



Sound Power	Dimension	Lifespan
●●●●●	●	●●●

BACK-UP ALARMS
Reverse horns for heavy and industrial vehicles

> Electronic

BA line
BK line

62

BA line BK line

Reverse horns for applications on heavy and industrial vehicles. The range includes horns with different technical and acoustic features to satisfy all possible applications.

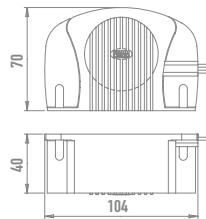
Avertisseurs de marche-arrière pour applications sur véhicules industriels. La gamme comprend des avertisseurs ayant différentes caractéristiques techniques et sonores pour satisfaire toutes les applications.

Rückfahrhörner zur Anwendung an LKWs und Industriefahrzeugen. Die Produktpalette beinhaltet Signaleinrichtungen mit unterschiedlichen Eigenschaften in Technik und Klang um allen möglichen Anwendungen zu entsprechen.



BACK-UP ALARMS AVERTISSEUR DE REcul RÜCKFAHRMELDER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 1.2m	Hz	u.	

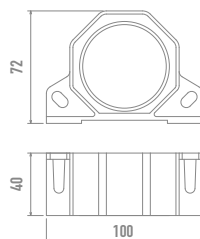


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

BA87 >
COD. 923152
TYPE C ALARM

24	0.5	97	1500	22	12
12	1				



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

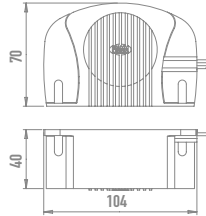
Nylon

BA87 12-80V >
COD. 923163
TYPE C ALARM

12-80	0.3	97	1270	35	G2
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BACK-UP ALARMS
AVERTISSEUR DE RECUL
RÜCKFAHRMELDER

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 1.2m	Hz	u.	

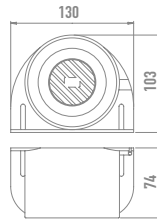


Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

ABS

BA107 >
COD. 923158
 TYPE B ALARM

24	0.5	107	1400	22	12
12	1				

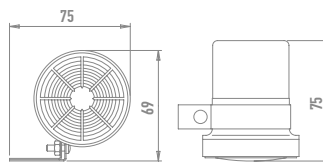


Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

ABS

BA112 >
COD. 923159
 TYPE A ALARM
BA87-112 ADAPTIVE >
COD. 923160
 TYPE A-D ALARM

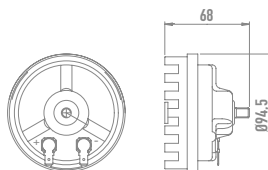
24	0.5	112	1400	9	13
12	1				
24	0.5	87	1400	9	13
12	1	112 adaptive			



MINI ALARM 97 >
COD. 923161

Plastic

12	0.7	97	1700	22	17
----	-----	----	------	----	----



BK9 HEAVY DUTY - 2T >
COD. 923009

Steel/ABS

24	0.7	94	780	22	11
12	1.4				

Marine



	Sound Power	Dimension	Lifespan		
ELECTROMAGNETIC HORNS The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.	> Horns			VEGA line	66
				MARINE HORN line	67
AIR HORN The sound is produced when compressed air passes through an acoustic trumpet.	> Pneumatic Solutions operating with the on-board air system of the vehicle > Electropneumatic Solutions equipped with a compressor and a set of trumpets			TA line	68

VEGA line

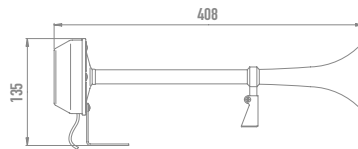
Electromagnetic steel trumpets for excellent audibility at sea. Available in two-tones and pairs.

Trompe électromagnétique en acier, parfaite audibilité en mer. Disponible dans deux couleurs et en modèle double.

Elektromagnetische Hupe aus Stahl, die auf See besonders gut hörbar ist. Als Doppelhorn in zwei Farben erhältlich.

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

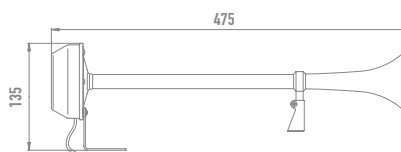
Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Inox Steel

VEGA 15 >
COD. 920333

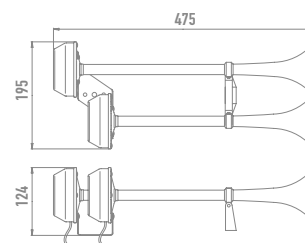
12	6	117	370	6	F14
----	---	-----	-----	---	-----



Inox Steel

VEGA 18 >
COD. 920334

12	6	117	310	6	F14
----	---	-----	-----	---	-----



Inox Steel

VEGA DUAL >
COD. 920335

12	12	120	L = 320 H = 370	6	F13
----	----	-----	--------------------	---	-----

VEGA DUAL >
COD. 920993

24	6	120	L = 320 H = 370	6	F13
----	---	-----	--------------------	---	-----

Small electromagnetic emergency horn for retractable installation. Available in 5 colours.

Avertisseur électromagnétique de petite taille pour installation encastrable. Disponible avec grille en 5 couleurs.

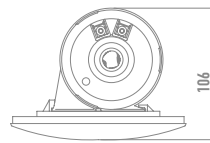
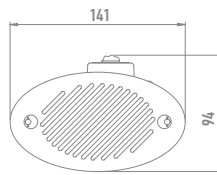
Kleine elektromagnetische Hupe für eine versenkbare Installation. Mit Gitter in 5 Farben erhältlich.

MARINE HORN line








ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Steel/ABS

MARINE HORN FISH WHITE - 2T COD. 920309		>	12	4.5	112	405	9	16
MARINE HORN BLACK - 2T COD. 920314		>	12	4.5	112	405	9	16
MARINE HORN PANAMA - 2T COD. 920323		>	12	4.5	112	405	9	16
MARINE HORN WHITE - 2T COD. 920324		>	12	4.5	112	405	9	16
MARINE HORN STEEL - 2T COD. 920325		>	12	4.5	112	405	9	16

TA line

Pneumatic emergency horn in marine corrosion resistant steel with high intensity acoustic tuned sound.

Avertisseurs pneumatiques, son accordé de haute intensité sonore, en acier résistant à la corrosion marine.

Pneumatische Hupen mit abgestimmtem, besonders intensivem Klang, aus Stahl, gegen das Seewasser korrosionsbeständig.

PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption
Consommation
d'air
Luftverbrauch

l/sec

Pressure
Pression
Betriebsdruck

kPa

Decibel
Décibels
Schallpegel

dB(A) 2m

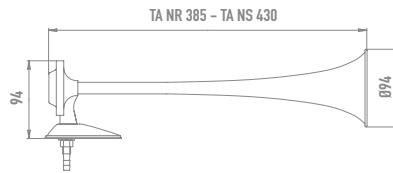
Frequency
Fréquence
Frequenz

Hz

Minimum Order Quantity

u.

Packaging



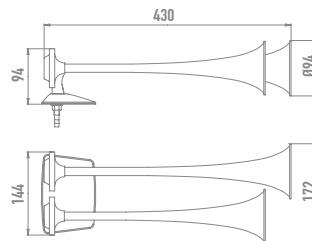
TA/NR >
COD. 920310

1.2	100 400	120	380	6	F16
-----	------------	-----	-----	---	-----

TA/NS >
COD. 920311

1.2	100 400	120	320	6	F16
-----	------------	-----	-----	---	-----

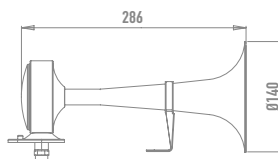
Inox Steel



TA DUAL >
COD. 920336

2.4	100 400	123	H = 380 L = 320	6	F13
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Inox Steel



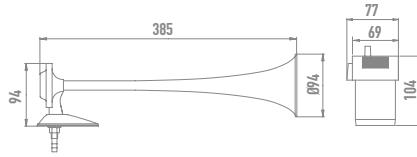
TA MP >
COD. 920374

5.5	400 800	128	380	5	F15
-----	------------	-----	-----	---	-----

Inox Steel

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Steel/Aluminum

M4/NR 12V >
COD. 921993
 INOX STEEL

12

17

114

380

6

F10

M4/NR 24V >
COD. 921994
 INOX STEEL

12

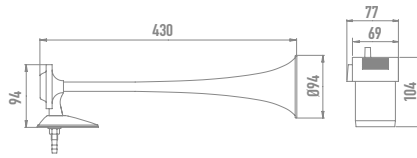
8

114

380

6

F10



Steel/Aluminum

M4/NS 12V >
COD. 921995
 INOX STEEL

12

17

114

320

6

F10

M4/NS 24V >
COD. 921996
 INOX STEEL

12

8

114

320

6

F10

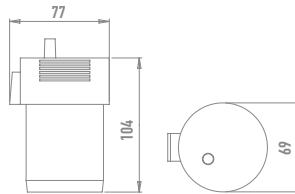
Accessories

Accessoires

Zubehör

COMPRESSORS COMPRESSEURS VERDICHTER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

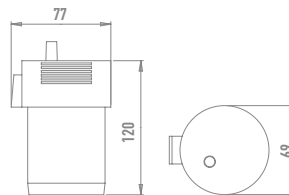
M4 12V >
COD. 921988

12	17	1.2	80	16	18
----	----	-----	----	----	----

M4 24V >
COD. 921989

24	8	1.2	80	16	18
----	---	-----	----	----	----

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

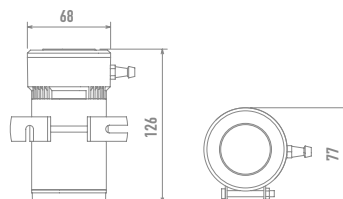
MC4 12V >
COD. 921991

12	17	1.4	80	16	19
----	----	-----	----	----	----

MC4 24V >
COD. 921992

24	8	1.4	80	16	19
----	---	-----	----	----	----

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4+ 12V >
COD. 921937

12	17	1.9	80	16	110
----	----	-----	----	----	-----

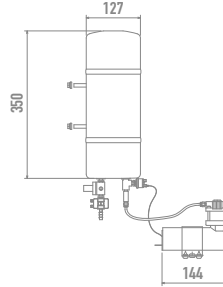
MC4+ 24V >
COD. 921938

24	8	1.9	80	16	110
----	---	-----	----	----	-----

Steel/Aluminium

COMPRESSORS
COMPRESSEURS
VERDICHTER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	

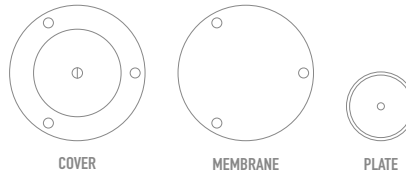


TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

12	11	3	100	1	V
----	----	---	-----	---	---

Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
	u.	

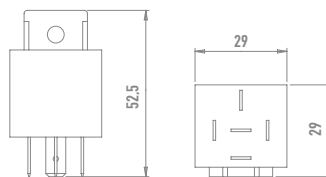


REPLACEMENT KIT TA >
COD. 921127

REPLACEMENT FOR TA/NR, TA/NS, TA DUAL

8	A
---	---

Voltage Tension Spannung	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
V		u.	



RELAY 12V >
COD. 920960
5 PINS
RELAY 24V >
COD. 920961
5 PINS

12	-	240	U
24	-	240	U

FIAMM

Acoustic Devices

The Power of Communication

Emergency




THE WORLD'S
LARGEST
MANUFACTURER
OF CAR HORNS

Fire Brigades | Police Forces | Ambulances



PS10 SYSTEM CHOICE

A > Choose your country []

B > Choose your special force [  ]

1 Now you can read the code of your electronic module

2 Now you can read on the left the code of your loudspeaker

3 Complete your system with the mandatory connection cable

The Power of Communication

1 ELECTRONIC MODULES



Fire Brigades
Sapeurs-Pompiers
Feuerwehr



Ambulance
Ambulance
Krankenwagen



Police Forces
Forces de Police
Polizeikräfte



Italy



France

PS10 AMB-POMP-I COD. 951001	PS10 AMB-POMP-WY-I COD. 951062	PS10 POL-I COD. 951013	PS10 AMB-F COD. 951004	PS10 UMH-F COD. 951006	PS10 AMB-UMH-F COD. 951059	PS10 GEN-F COD. 951007	PS10 POL-F COD. 951008	PS10 SPO-F COD. 951005	PS10 SPO-F 24V COD. 951023		

2

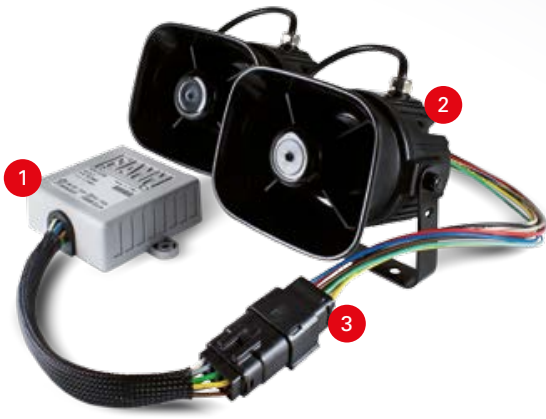
LOUDSPEAKERS

LOUDSPEAKER FB COD. 951051	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER NB COD. 951054	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FM COD. 951052	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FMW COD. 951077	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FS COD. 951053	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	-
LOUDSPEAKER NS COD. 951056	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	-
LOUDSPEAKER NSC COD. 951055	MOTORBIKE CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)	MOTORBIKE CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)	-

3

CONNECTION
CABLE
COD. 951057

MANDATORY FOR ALL SYSTEMS | OBLIGATOIRE POUR TOUS LES SYSTÈMES | FÜR ALLE SYSTEME ERFORDERLICH



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

Netherlands		Belgium		United Kingdom		Austria		Germany		Latin America		Usa	
PS10 EMER-N COD. 951028	PS10 EMER-N SLOW COD. 951089	PS10 EMER-B COD. 951078	PS10 SPO-B NIGHT COD. 951091	PS10 EMER-UK COD. 951035	PS10 EMER-WY-UK COD. 951034	PS10 AMB-A COD. 951046	PS10 FEUER-A COD. 951064	PS10 EMER-D COD. 951060	PS10 USSOUND COD. 951061	PS10 USSOUND-WY COD. 951063			
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers					
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers					
CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)					
CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)					
CAR VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)					
CAR VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)					
MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)					

MANDATORY FOR ALL SYSTEMS | OBLIGATOIRE POUR TOUS LES SYSTÈMES | FÜR ALLE SYSTEME ERFORDERLICH

FIAMM

Acoustic Devices

MC4 SYSTEM CHOICE

A > Choose your country [🇮🇹]

B > Choose your special force [🔥 ❄️ 🛡️]

1 Now you can read the code of your compressor

2 Now you can read on the left the code of your trumpets

3 Lubricator included in the compressor code

The Power of Communication

1  COMPRESSOR



Fire Brigades
Sapeurs-Pompiers
Feuerwehr



Ambulance
Ambulance
Krankenwagen



Police Forces
Forces de Police
Polizeikräfte



Italy



Netherlands



Belgium



United Kingdom



MC4 FDS 12V
COD. 921084

MC4 FVA 12V
COD. 921077

MC4 FVA 24V
COD. 921078

MC4 FALG 12V
COD. 921121

MC4 FALG 24V
COD. 921122

MC4 FI 24V
COD. 921124

MC4 FI 12V
COD. 921123

MC4 FI 24V
COD. 921124

2



TRUMPETS

TA/2 906-V
COD. 920392

CAR | VAN
1 compressor +
• 1 set of trumpets

TA/2 906-C
COD. 920393

CAR | VAN
1 compressor +
• 1 set of trumpets

TA/2 VA-V
COD. 920395

CAR | VAN
1 compressor +
• 1 set of trumpets

TRUCK
1 compressor +
• 1 set of Trumpets

TA/2 GA-V
COD. 920615

CAR | VAN
1 compressor +
• 1 set of trumpets

TRUCK
1 compressor +
• 1 set of Trumpets

TA/2 GB-V
COD. 920616

CAR | VAN
1 compressor +
• 1 set of trumpets

TRUCK
1 compressor +
• 1 set of Trumpets

TA/2 BL-C
COD. 920629

TRUCK
1 compressor +
• 1 set of Trumpets

CAR | VAN
1 compressor +
• 1 set of trumpets

TRUCK
1 compr. +
• 1 set of Trumpets

TA/2 BL-V
COD. 920396

TRUCK
1 compressor +
• 1 set of Trumpets

CAR | VAN
1 compressor +
• 1 set of trumpets

TRUCK
1 compr. +
• 1 set of Trumpets

TA/2 DE-B
COD. 920397

TA/4 906-C
COD. 920394

3






















LUBRICATOR
COD. 920617

ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

 Austria			 Germany		 Switzerland		 International		✓ = included • = optional
			  		  		  		
MC4 FD 12V COD. 921116	MC4 FA 12V COD. 921118	MC4 FA 24V COD. 921119	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FI 12V COD. 921123	MC4 FI 24V COD. 921124	SPOILER COD. 920618
CAR VAN 1 compr. + • 1 set of Trumpets			CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓
CAR VAN 1 compr. + • 1 set of Trumpets			CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓
									✓
									•
									•
									•
									•
	CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets							•
			CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets			CAR VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓

ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART

FIAMM

Acoustic Devices

PS20 SYSTEM CHOICE

A > Choose your country []

B > Choose your special force [  ]

1 Now you can read the code of your electronic control unit

C > Choose your vehicle type

2 Now you can read on the left the code of your trumpets

The Power of Communication

1  +  ELECTRONIC CONTROL UNIT



Fire Brigades
Sapeurs-Pompier
Feuerwehr



Ambulance
Ambulance
Krankenwagen



Police Forces
Forces de Police
Polizeikräfte



Italy



Belgium



United Kingdom



Germany



PS20 - POL - I
12V
COD. 951081

PS20 AMB/POMP - I
12V
COD. 951082

PS20 AMB/POMP - I
24V
COD. 951083

PS20 - HI-LO
24V
COD. 951080

PS20 - HI-LO
12V
COD. 951079

PS20 - HI-LO
24V
COD. 951080

PS20 EMER - D
12V
COD. 951084

PS20 EMER - D
24V
COD. 951085

2

TRUMPETS

TA/2 906-V
COD. 920392

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 906-C
COD. 920393

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 VA-V
COD. 920395

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 BL-C
COD. 920629

TRUCK
1 electr. unit +
• 1 set of
Trumpets

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 BL-V
COD. 920396

TRUCK
1 electr. unit +
• 1 set of
Trumpets

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 DE-B
COD. 920397

TA/4 906-C
COD. 920394

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS



Austria				Switzerland		International		
				 		 		✓ = included • = optional
PS20 EMER - D 12V COD. 951084	PS20 - FEUER - A 12V COD. 951087	PS20 - FEUER - A 24V COD. 951088	PS20 - FEUER - A 24V COD. 951086	PS20 EMER - D 12V COD. 951084	PS20 EMER - D 24V COD. 951085	PS20 - HI-LO 12V COD. 951079	PS20 - HI-LO 24V COD. 951080	SPOILER COD. 920618
CAR VAN 1 electr. unit + • 1 set of Trumpets				CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓
CAR VAN 1 electr. unit + • 1 set of Trumpets				CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓
								✓
								•
								•
	CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets					•
				CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓

Emergency

Fire Brigades



		Sound Power	Dimension	Lifespan		
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●	PS10 System	82
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets	●●●	●●●	●●●	MC4 System	86
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets	●●●	●	●●●	PS20 System	88

PS10 System

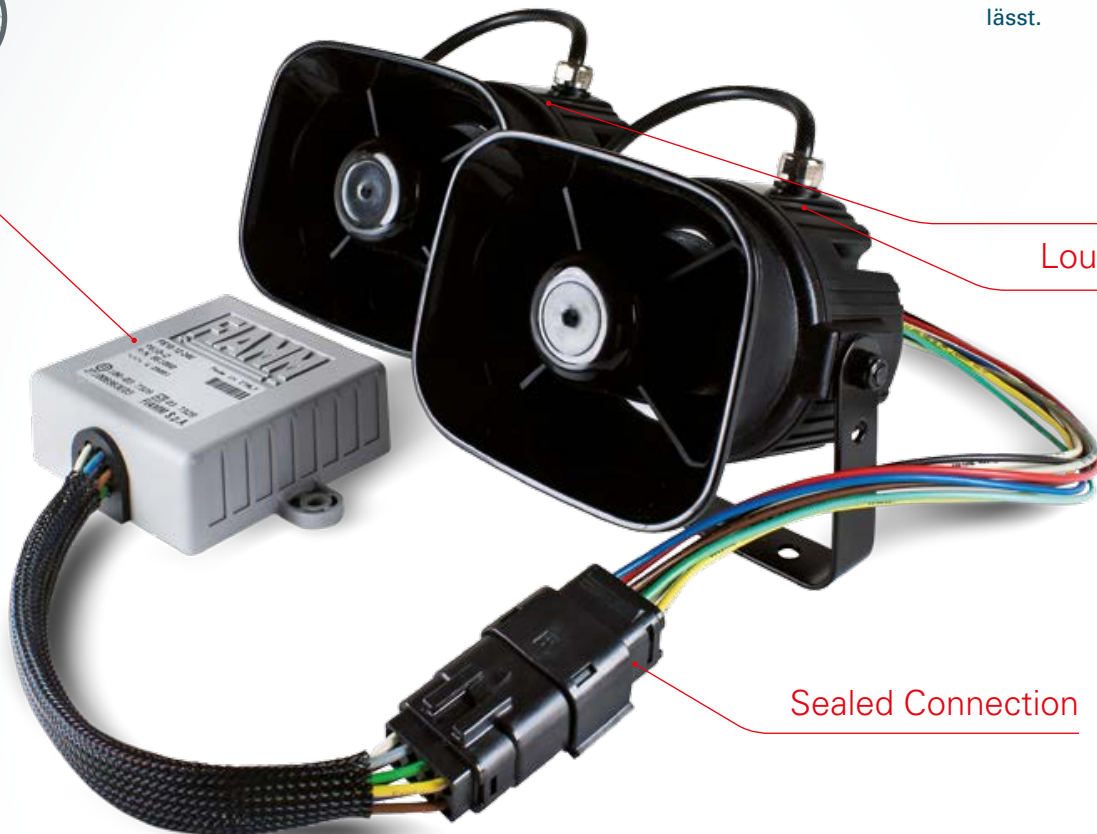
Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

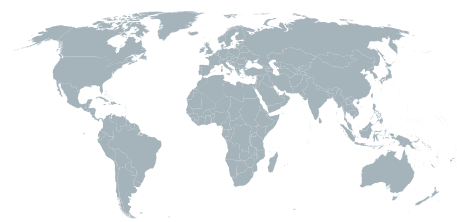
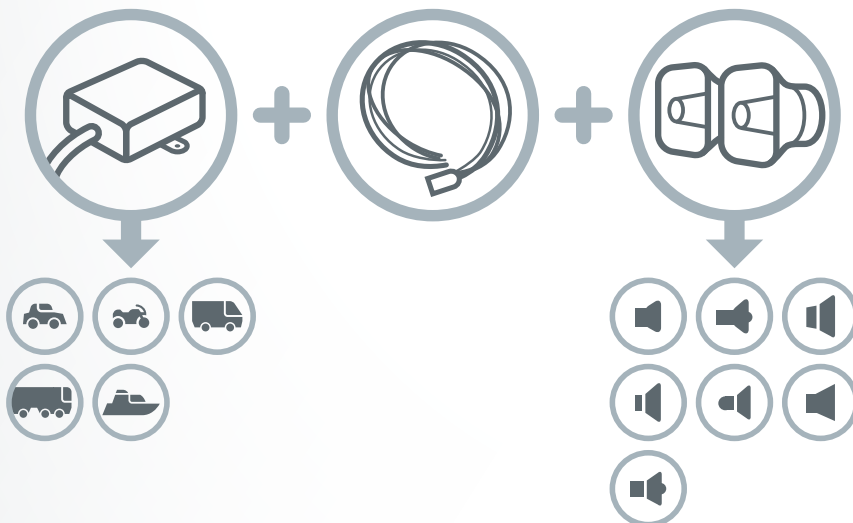


PS10
12V • 24V



Loudspeaker

Sealed Connection



INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA



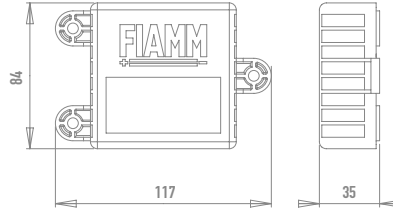
Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			U.	



Flame retardant
PBT



Type approval
Homologation
Zulassung

Reg.10/National homologation if required

PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - FEUER-A COD. 951064	12 24	3,5 1,75	L = 392 H = 523	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10-SPO-B NIGHT COD. 951091	12 24	3,5 1,75	L = 440 H = 495	-	Belgium	8	S
PS10 - SPO-F COD. 951005	12 24	3,5 1,75	L = 435 H = 488	-	France	8	S
PS10 - SPO-F 24V COD. 951023 SPECIAL FOR 1 LOUDSPEAKER	24	1,75	L = 435 H = 488	-	France	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loudspeakers

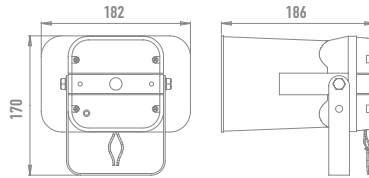
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB
COD. 951051



12
24

115

25

40

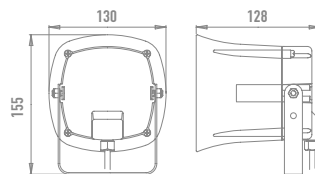
4

8

F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM
COD. 951052



12
24

114

25

40

4

8

G8

Degree of protection: **IP66**

LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION



12
24

114

25

40

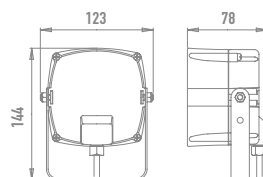
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS
COD. 951053



12
24

113

25

40

4

8

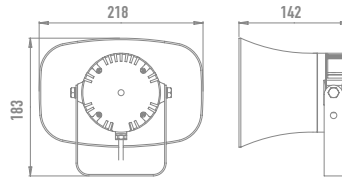
G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -NB
COD. 951054

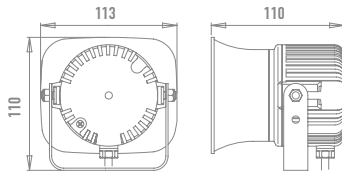


12 24	117	50	70	4	8	F12
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NSC
COD. 951055

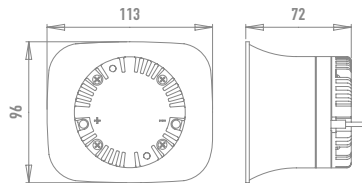


12 24	113	20	30	4	8	G5
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NS
COD. 951056

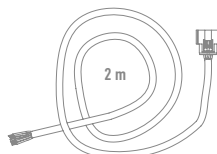


12 24	113	20	30	4	16	G9
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



CONNECTION CABLE PS10
COD. 951057

Degree of protection: IP67				4	16	14
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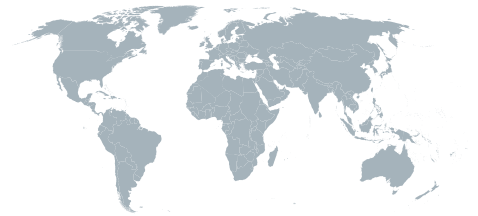
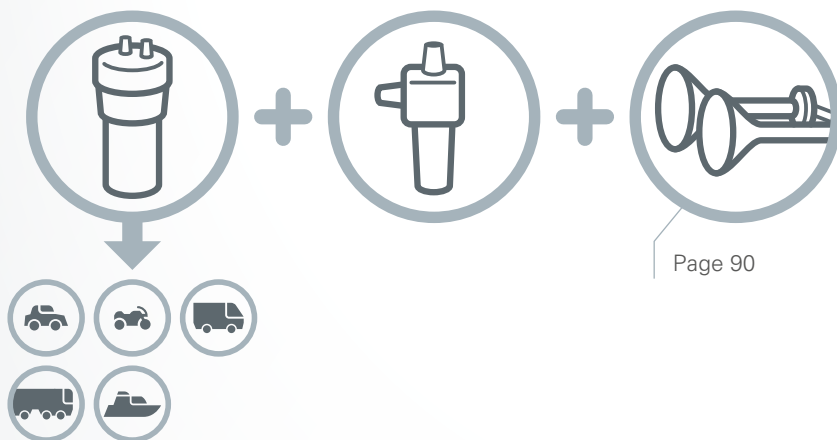
ABS

MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



INTERNATIONAL Hi-Lo

ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK



Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE

Voltage
Tension
Spannung
V

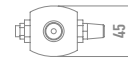
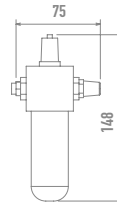
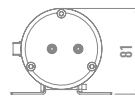
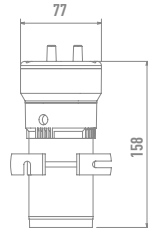
Amp. Draw
Consommation
Stromaufnahme
A

Country
Pays
Land

Type approval
Omologation
Zulassung

Minimum
Order Quantity
F.

Packaging



Steel/Aluminium

MC4 FA 12V + LUBRICATOR >
COD. 921118

12 17 Austria Reg. 10 ECE 16 I11



MC4 FA 24V + LUBRICATOR >
COD. 921119

24 8 Austria Reg. 10 ECE 16 I11



MC4 FALG 12V + LUBRICATOR >
COD. 921121

12 17 Netherlands Reg. 10 ECE 16 I11



MC4 FALG 24V + LUBRICATOR >
COD. 921122

24 8 Netherlands Reg. 10 ECE 16 I11



MC4 FD 12V + LUBRICATOR >
COD. 921116

12 17 Germany - Spain
Austria (Amb)
Switzerland National/ Reg.10 16 I11



MC4 FD 24V + LUBRICATOR >
COD. 921117

24 8 Germany - Spain
Austria (Amb)
Switzerland National/ Reg.10 16 I11



MC4 FI 12V + LUBRICATOR >
COD. 921123

12 17 United Kingdom
International Hi-Lo
Belgium Reg. 10 ECE 16 I11



MC4 FI 24V + LUBRICATOR >
COD. 921124

24 8 United Kingdom
International Hi-Lo
Belgium Reg. 10 ECE 16 I11



MC4 FVA 12V + LUBRICATOR >
COD. 921077

12 17 Italy National/ Reg.10 16 I11



MC4 FVA 24V + LUBRICATOR >
COD. 921078

24 8 Italy National/ Reg.10 16 I11



PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

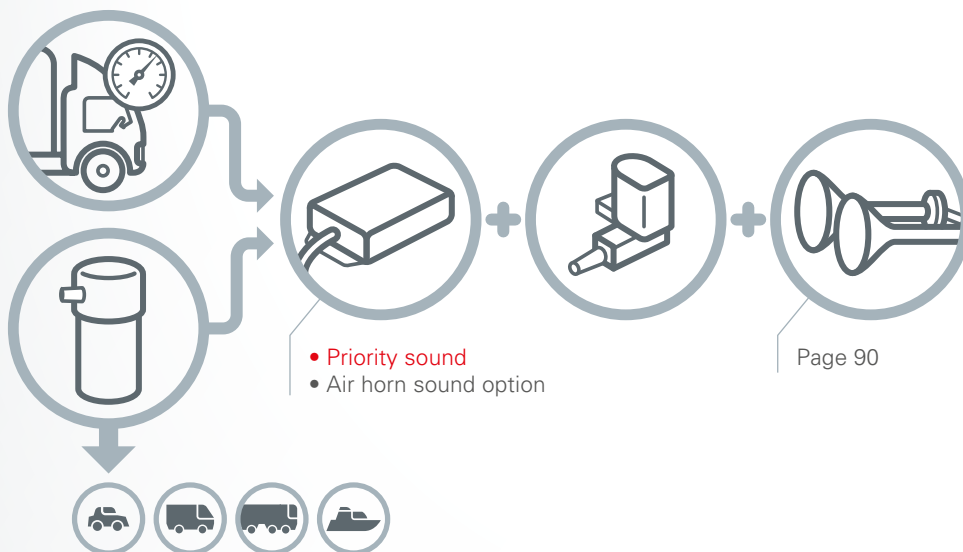
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schallokalisation der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



Trumpets

Electrovalves
12V • 24V

PS20
12V • 24V



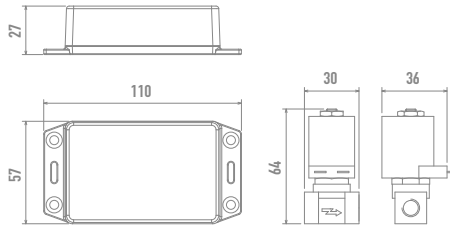
INTERNATIONAL Hi-Lo
 ITALY
 GERMANY
 AUSTRIA
 SWITZERLAND
 BELGIUM
 SPAIN
 UK



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Compressed air source	Country Pays Land	Minimum Order Quantity	Packaging
V	A				



Type approval
 Homologation
 Zulassung
 Reg.10/National homologation if required

Flame Retardant ABS
 Brass

PS20 - AMB/POMP - I COD. 951082 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Italy	16	14
PS20 - AMB/POMP - I COD. 951083 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	Italy	16	14
PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14
PS20 - EMER - D COD. 951085 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14
PS20 - FEUER - A COD. 951087 KIT OF MODULE + 3 ELECTROVALVES	12	1.5	Dedicated compressor	Austria	16	14
PS20 - FEUER - A COD. 951088 KIT OF MODULE + 3 ELECTROVALVES	24	0.7	Dedicated compressor	Austria	16	14
PS20 - FEUER - A COD. 951086 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system	Austria	16	14
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14

Trumpets

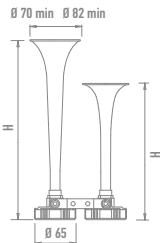
The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 tonnes représente le maximum d'audibilité et du plaisir du son.

Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS
TROMPES
HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal

TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS		117 L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS		117 L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS		117 L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS		117 L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 DE-B COD. 920397 SET OF 2 TRUMPETS		117 L = 392 H = 523	Austria	329 262	8	H1
TA/2 GA-V COD. 920615 SET OF 2 TRUMPETS		117 L = 494 H = 660	Netherlands	274 199	8	H1
TA/2 GB-V COD. 920616 SET OF 2 TRUMPETS		117 L = 440 H = 587	Netherlands	297 239	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS		117 L = 466 H = 544	Spain	286 251	8	H1
TA/2 VA-V+SPOILER COD. 920395 SET OF 2 TRUMPETS		117 L = 392 H = 660	Italy	329 199	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS		117 L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Emergency

Police Forces



		Sound Power	Dimension	Lifespan		
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●	PS10 System	92
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets	●●●	●●●	●●●	MC4 System	94
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets	●●●	●	●●●	PS20 System	98

PS10 System

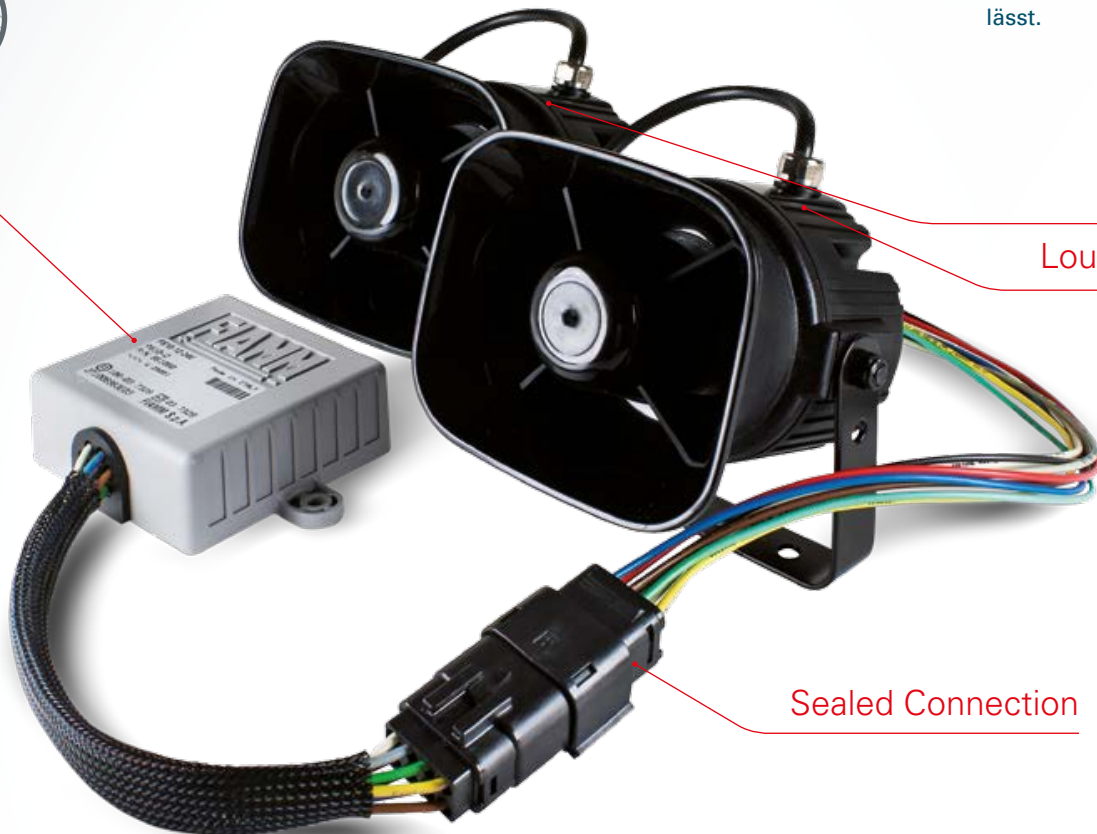
Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

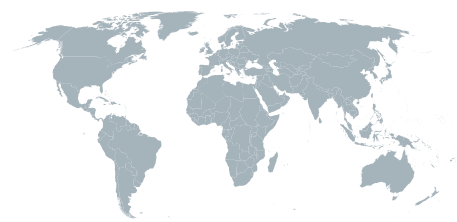
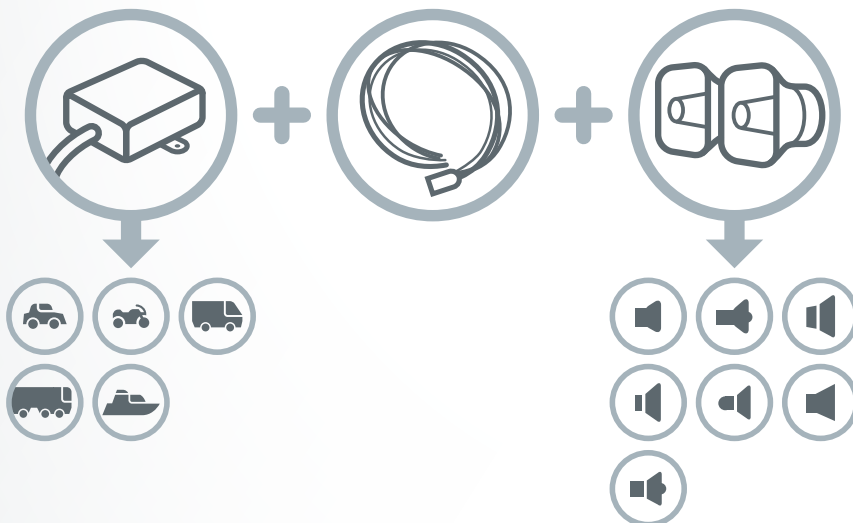


PS10
12V • 24V



Loudspeaker

Sealed Connection



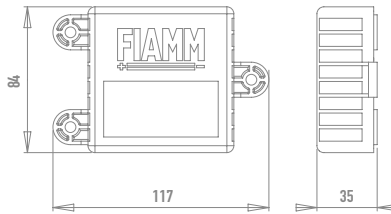
INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz				



Type approval
 Homologation
 Zulassung

Reg.10/National homologation if required

Flame retardant
 PBT

PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - GEN-F COD. 951007	12 24	3,5 1,75	L = 435 H = 732	-	France	8	S
PS10 - POL-F COD. 951008	12 24	3,5 1,75	L = 435 H = 580	Jour/Nuit	France	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - POL-I COD. 951013	12 24	3,5 1,75	L = 466 H = 622	-	Italy	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loudspeakers

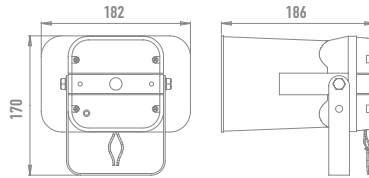
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB
COD. 951051



12
24

115

25

40

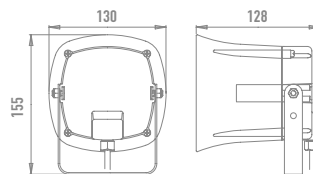
4

8

F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM
COD. 951052



12
24

114

25

40

4

8

G8

Degree of protection: **IP66**

LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION



12
24

114

25

40

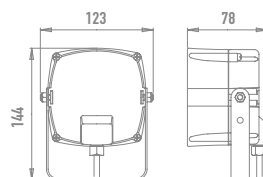
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS
COD. 951053



12
24

113

25

40

4

8

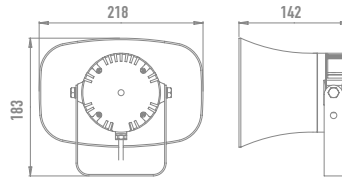
G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -NB
COD. 951054

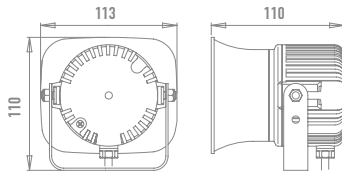


12 24	117	50	70	4	8	F12
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NSC
COD. 951055

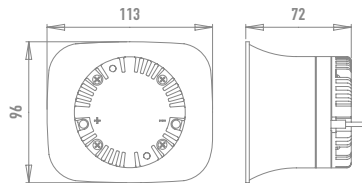


12 24	113	20	30	4	8	G5
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NS
COD. 951056

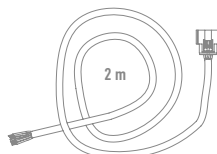


12 24	113	20	30	4	16	G9
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



CONNECTION CABLE PS10
COD. 951057

Degree of protection: IP67				4	16	14
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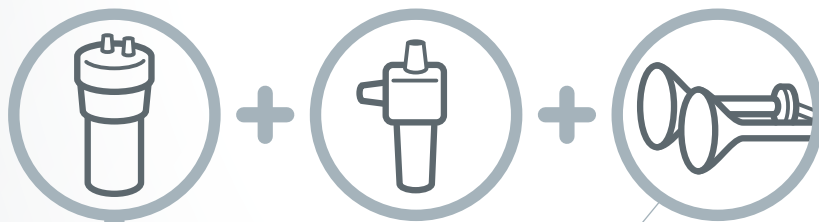
ABS

MC4 System

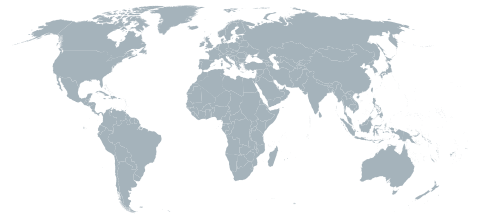
High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



Page 100



INTERNATIONAL Hi-Lo

- ITALY
- GERMANY
- AUSTRIA
- SPAIN
- SWITZERLAND
- NETHERLANDS
- UK



Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE

Voltage
 Tension
 Spannung
V

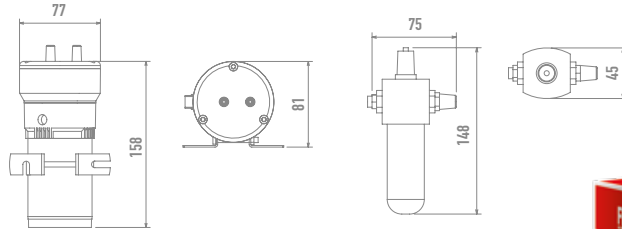
Amp. Draw
 Consommation
 Stromaufnahme
A

Country
 Pays
 Land

Type approval
 Omologation
 Zulassung

Minimum
 Order Quantity

Packaging



Steel/Aluminium

MC4 FD 12V + LUBRICATOR >
 COD. 921116

12 17 Germany - Spain
 Austria (Amb)
 Switzerland

National/ Reg.10 16 I11



MC4 FD 24V + LUBRICATOR >
 COD. 921117

24 8 Germany - Spain
 Austria (Amb)
 Switzerland

National/ Reg.10 16 I11



MC4 FDS 12V + LUBRICATOR >
 COD. 921084

12 17 Italy

National/ Reg.10 16 I11



MC4 FI 12V + LUBRICATOR >
 COD. 921123

12 17 United Kingdom
 International Hi-Lo
 Belgium

Reg. 10 ECE 16 I11



MC4 FI 24V + LUBRICATOR >
 COD. 921124

24 8 United Kingdom
 International Hi-Lo
 Belgium

Reg. 10 ECE 16 I11



PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

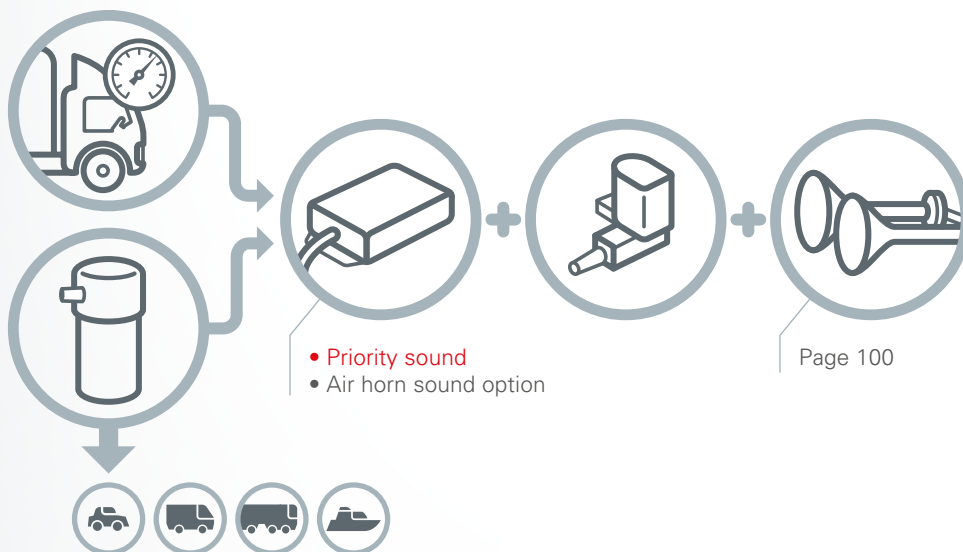
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schalllokalisierung der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



Trumpets

Electrovalves
12V • 24V

PS20
12V • 24V



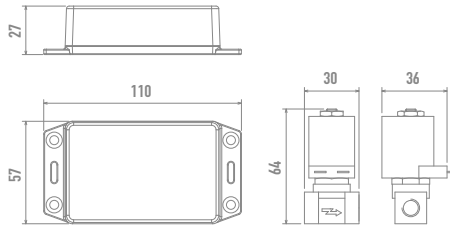
INTERNATIONAL Hi-Lo
 ITALY
 GERMANY
 AUSTRIA
 SWITZERLAND
 BELGIUM
 SPAIN
 UK



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Compressed air source	Country Pays Land	Minimum Order Quantity	Packaging
V	A				



Type approval
 Homologation
 Zulassung
 Reg.10/National homologation if required

Flame Retardant ABS
 Brass

PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14
PS20 - EMER - D COD. 951085 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14
PS20 - POL - I COD. 951081 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Italy	16	14

Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

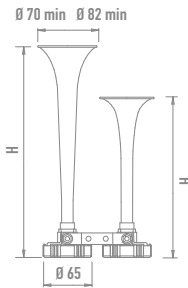
Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS
TROMPES
HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal



TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS		117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS		117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS		117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS		117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS		117	L = 466 H = 544	Spain	286 251	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS		117	L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Emergency

Ambulances



FIAMM

Acoustic Devices



		Sound Power	Dimension	Lifespan		
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●	PS10 System	102
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets	●●●	●●●	●●●	MC4 System	106
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets	●●●	●	●●●	PS20 System	108

PS10 System

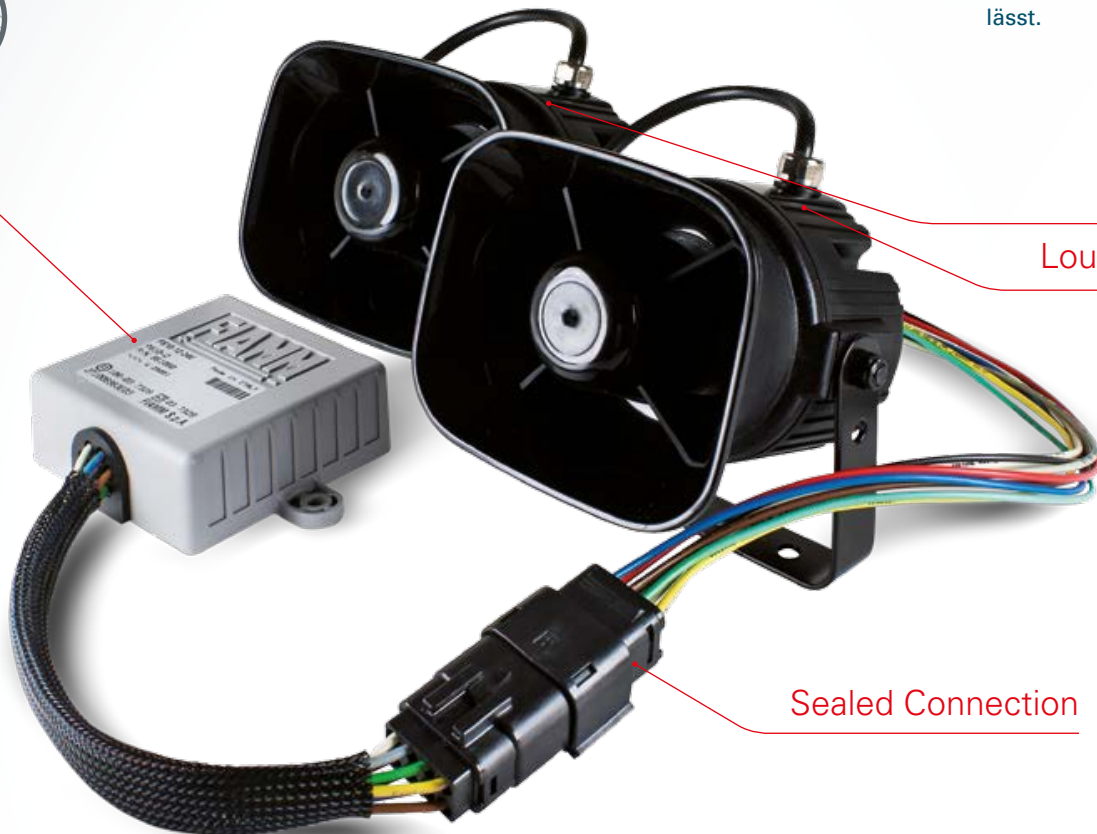
Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

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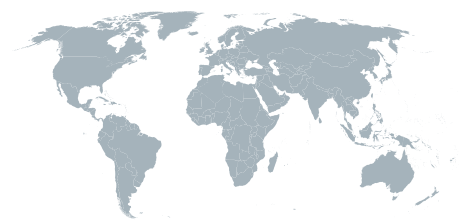
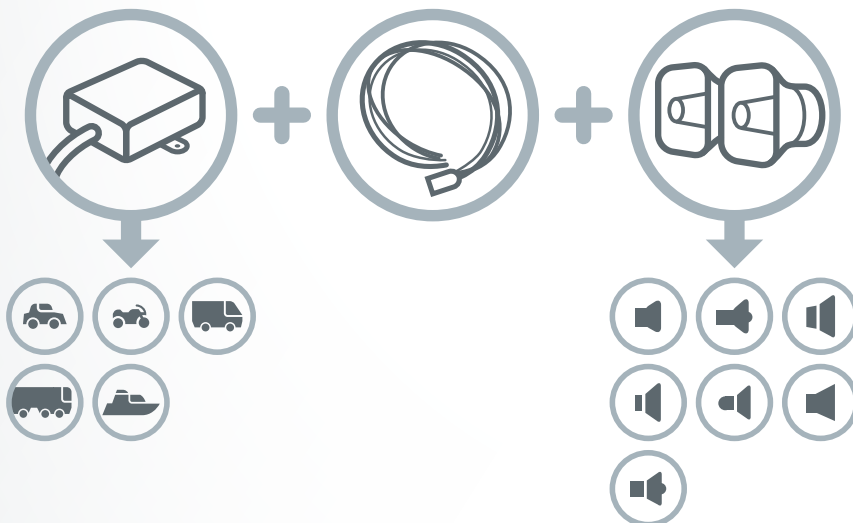


PS10
12V • 24V



Loudspeaker

Sealed Connection



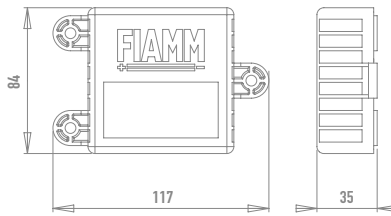
INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			u.	



Type approval
Homologation
Zulassung

Reg.10/National homologation if required

Flame retardant
PBT



PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - AMB-A COD. 951046	12 24	3,5 1,75	L = 450 H = 600	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER-B COD. 951078	12 24	3,5 1,75	L = 440 H = 495	Day/Night	Belgium	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - AMB-F COD. 951004	12 24	3,5 1,75	L = 420 H = 516	-	France	8	S
PS10 - AMB-UMH-F COD. 951059	12 24	3,5 1,75	-	Ambulance UMH Jour/ Nuit	France	8	S
PS10 - UMH-F COD. 951006	12 24	3,5 1,75	L = 435 H = 651	Jour/Nuit	France	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loudspeakers

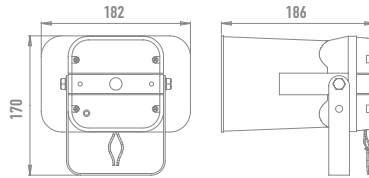
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LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB
COD. 951051



12
24

115

25

40

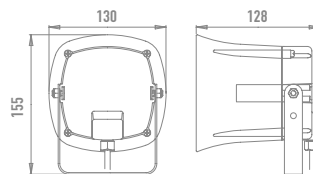
4

8

F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM
COD. 951052



12
24

114

25

40

4

8

G8

Degree of protection: **IP66**

LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION



12
24

114

25

40

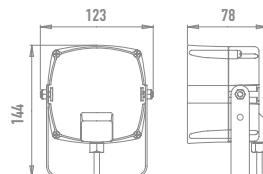
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS
COD. 951053



12
24

113

25

40

4

8

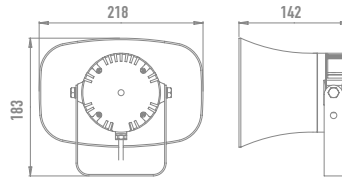
G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -NB
COD. 951054

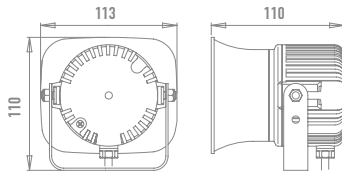


12 24	117	50	70	4	8	F12
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NSC
COD. 951055

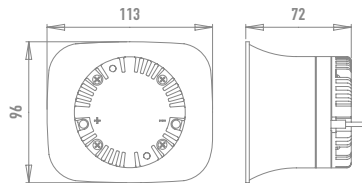


12 24	113	20	30	4	8	G5
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NS
COD. 951056

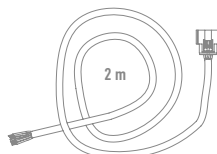


12 24	113	20	30	4	16	G9
----------	-----	----	----	---	----	----



ABS/ Neodymium Magnet

Degree of protection: **IP66**



CONNECTION CABLE PS10
COD. 951057

Degree of protection: IP67				4	16	14
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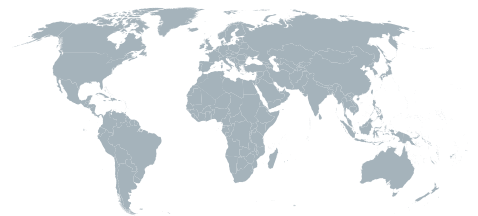
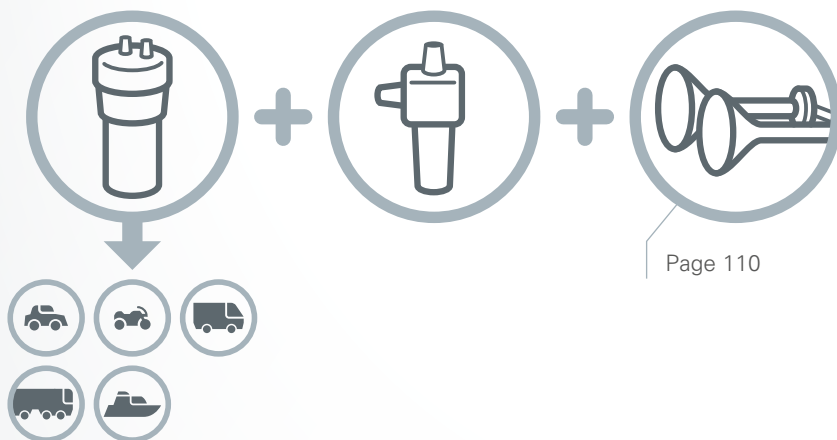
ABS

MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK



Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE

Voltage
Tension
Spannung
V

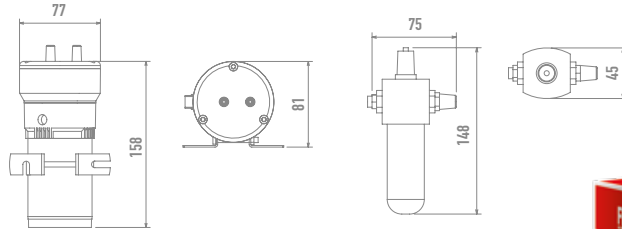
Amp. Draw
Consommation
Stromaufnahme
A

Country
Pays
Land

Type approval
Omologation
Zulassung

Minimum
Order Quantity

Packaging



Steel/Aluminium

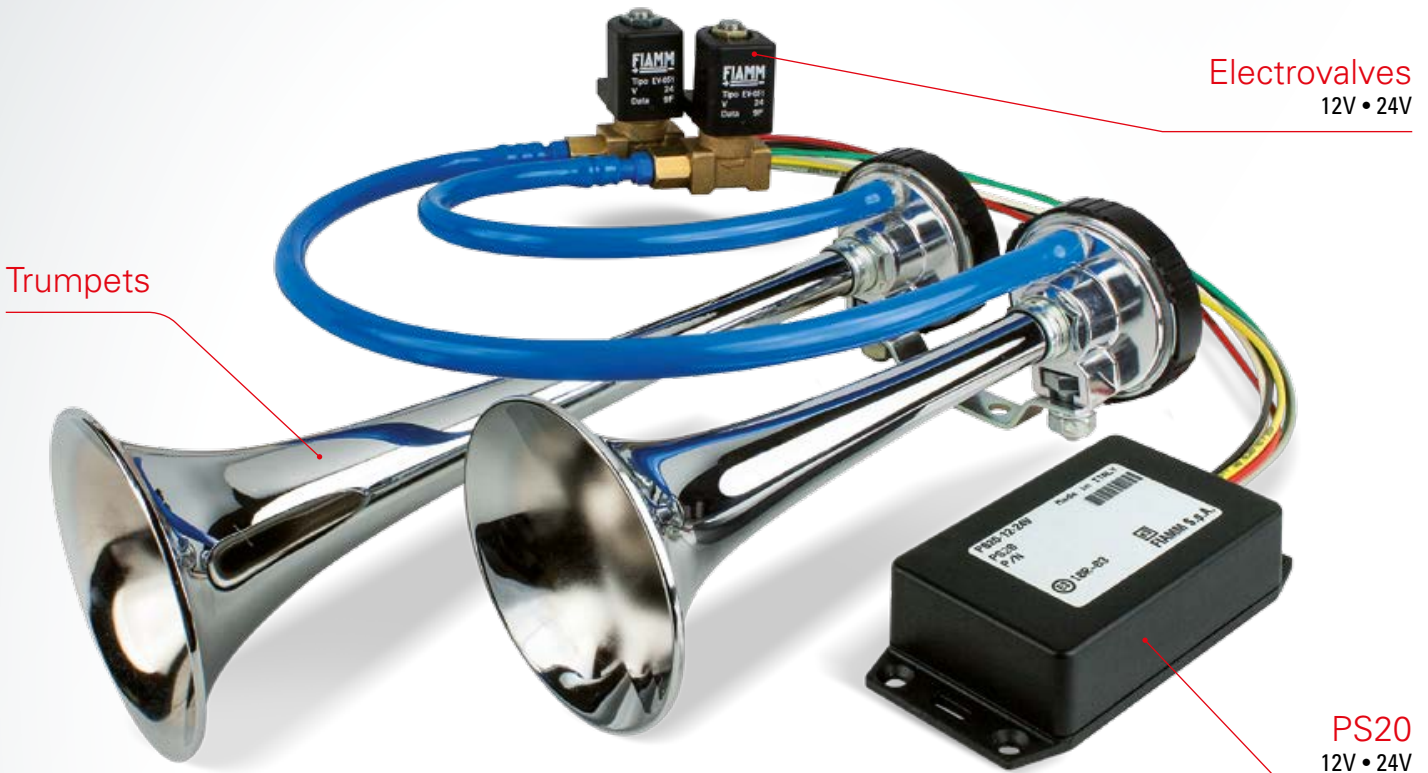
MC4 FD 12V + LUBRICATOR COD. 921116	>	12	17	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	16	I11
MC4 FI 12V + LUBRICATOR COD. 921123	>	12	17	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11
MC4 FI 24V + LUBRICATOR COD. 921124	>	24	8	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11
MC4 FVA 12V + LUBRICATOR COD. 921077	>	12	17	Italy	National/ Reg.10	16	I11

PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

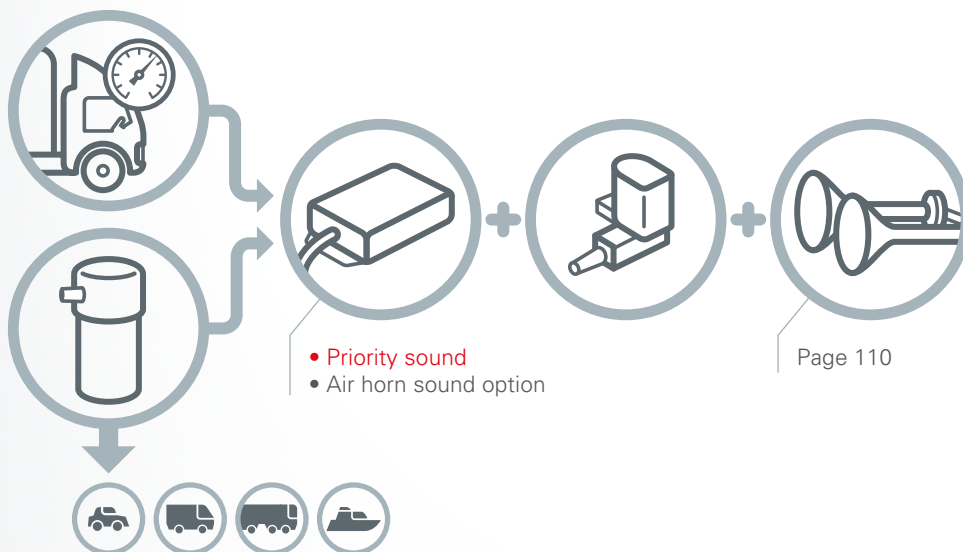
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schallokalisation der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



Trumpets

Electrovalves
12V • 24V

PS20
12V • 24V



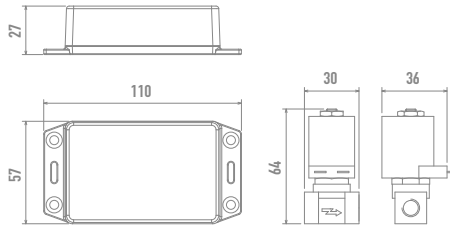
INTERNATIONAL Hi-Lo
 ITALY
 GERMANY
 AUSTRIA
 SWITZERLAND
 BELGIUM
 SPAIN
 UK



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Compressed air source	Country Pays Land	Minimum Order Quantity	Packaging
V	A				



Type approval
 Homologation
 Zulassung
 Reg.10/National homologation if required

Flame Retardant ABS
 Brass

PS20 - AMB/POMP - I COD. 951082 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Italy	16	14
PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14

Trumpets

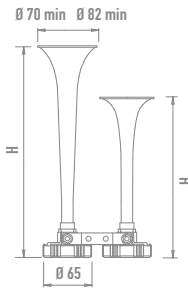
The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS
TROMPES
HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal

TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS		117 L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS		117 L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS		117 L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS		117 L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS		117 L = 466 H = 544	Spain	286 251	8	H1
TA/2 VA-V+SPOILER COD. 920395 SET OF 2 TRUMPETS		117 L = 392 H = 660	Italy	329 199	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS		117 L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Miscellaneous

Musical Horns | Compressor | Relays & Valves
Gas Horns



MUSICAL HORNS

NOVELTY line

112

COMPRESSORS

M4 line | MC4 line | MC4+ line

114

RELAYS & VALVES

RELAY line | EV line

116

GAS HORNS

GAS line

117

NOVELTY line

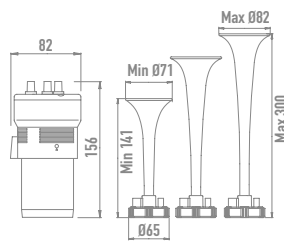
Electropneumatic, retro style horns for a pleasant sound. Available versions from 3, 5 and 6 trumpets. They reproduce the most popular melodies taken from movies and music themes.

Avertisseurs électropneumatiques au goût rétro pour un son toujours agréable. Disponibles dans les versions 3, 5 et 6 trompes. Ils reproduisent les mélodies les plus connues du monde du cinéma et de la musique.

Elektropneumatische Hupen im Retro-Stil für einen stets angenehmen Klang. Generation ausgestattet. Ausführungen mit 3, 5 und 6 Hörnern verfügbar. Es werden die bekanntesten Melodien von Filmen und Musikstücken erzeugt.

ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	

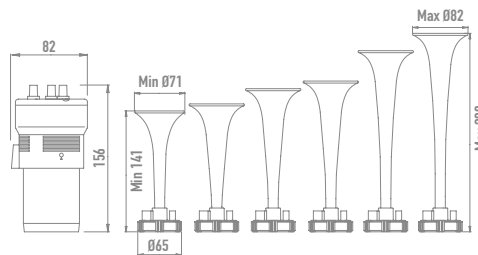


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

CHARGE / LA CARICA >
COD. 921970
PLASTIC
IL SORPASSO >
COD. 921977
PLASTIC

12	17	116	-	5	C1
12	17	116	-	5	C1

Steel/Aluminum



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

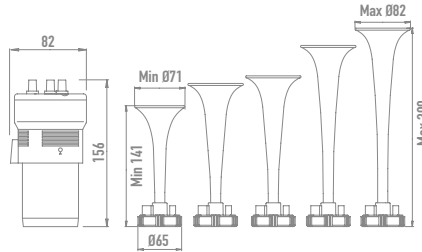
IN THE SUMMERTIME >
COD. 921979
PLASTIC
THE GODFATHER / IL PADRINO >
COD. 921976
PLASTIC

12	17	116	-	5	C3
12	17	116	-	5	C3

Steel/Aluminum

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

Steel/Aluminium

LA CUCARACHA >	COD. 921972	12	17	116	-	5	C2
	PLASTIC						
DIXIE LAND / DUKES OF HAZZARD >	COD. 921973	12	17	116	-	5	C2
	PLASTIC						
O' SOLE MIO >	COD. 921974	12	17	116	-	5	C2
	PLASTIC						
OH! SUSANNA >	COD. 921975	12	17	116	-	5	C2
	PLASTIC						
RIVER KWAI / LA MARCIA DEL PONTE >	COD. 921971	12	17	116	-	5	C2
	PLASTIC						
LA MARSIGLIESE / LA MARSEILLAISE >	COD. 921980	12	17	116	-	5	C2
	PLASTIC						
BRASIL >	COD. 921978	12	17	116	-	5	C2
	PLASTIC						

M4 line MC4 line MC4+ line

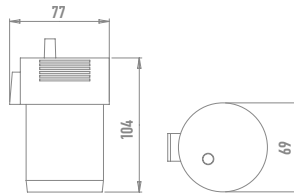
New generation, more compact, more powerful and versatile compressors. Available models are possible, from the simplest version M4, to the more powerful compressor MC4+ for more challenging applications. The MC4+ can be also used with the lubricator.

Compresseurs de nouvelle génération, plus compacts, puissants et universels. Modèles disponibles à partir de la version plus simple, M4, à la plus puissante MC4+ pour des applications difficiles. Le compresseur MC4+ peut être utilisé aussi avec le lubrificateur.

Verdichter der neuen Generation, kompakter, leistungsstärker und vielseitiger. Verfügbare Modelle: von der einfachsten M4 Ausführung bis zur starken, für schwer beanspruchende MC4+ Verdichter, der auch mit Öler verwendet werden kann.

COMPRESSORS COMPRESSEURS VERDICHTER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

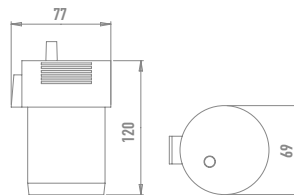
M4 12V >
COD. 921988

12	17	1.2	80	16	18
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M4 24V >
COD. 921989

24	8	1.2	80	16	18
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Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

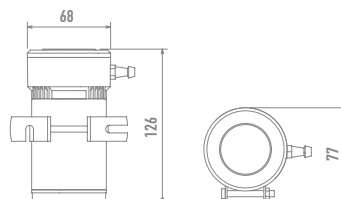
MC4 12V >
COD. 921991

12	17	1.4	80	16	19
----	----	-----	----	----	----

MC4 24V >
COD. 921992

24	8	1.4	80	16	19
----	---	-----	----	----	----

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4+ 12V >
COD. 921937

12	17	1.9	80	16	110
----	----	-----	----	----	-----

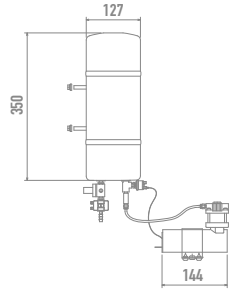
MC4+ 24V >
COD. 921938

24	8	1.9	80	16	110
----	---	-----	----	----	-----

Steel/Aluminium

COMPRESSORS
COMPRESSEURS
VERDICHTER

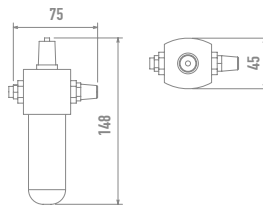
Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	



TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

12	11	3	100	1	V
----	----	---	-----	---	---



Metal/Plastic

LUBRICATOR >
COD. 920617

MC4 EMERGENCY/MC4+

-	8	S5
---	---	----

RELAY line EV line

Relays available in 12V or 24V versions to complete the electrical circuit.

Relais disponibles à 12V ou 24V pour compléter le circuit électrique.

Mit 12V oder 24V erhältliches Relais zur Vervollständigung des Stromkreises.

Electrovalves available in 12V and 24V version to activate pneumatic horns electrically

Électrovalves disponibles en version 12V et 24V pour activer électriquement les avertisseurs pneumatiques

Elektroventile erhältlich in der Version 12V und 24V für die elektrische Aktivierung der pneumatischen Hupen

ACCESSORIES ACCESSOIRES ZUBEHÖR

Voltage
Tension
Spannung

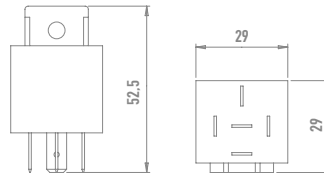
V

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



RELAY 12V >
COD. 920960
5 PINS

12

-

240

U

RELAY 24V >
COD. 920961
5 PINS

24

-

240

U

PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

Bar

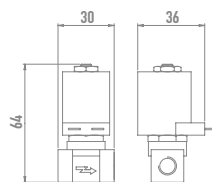
Suitable for
Approprié pour
Geeignet für

Hz

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

EV 12V - 2T >
COD. 920950

12

1.5

500
1200

8

A

EV 24V - 2T >
COD. 920975

24

0.7

500
1200

TA180
TA150
FULTONE
TC/2 PV

8

A

EV 24V WITH FILTER - 2T >
COD. 921131

24

0.7

500
1200

8

A

Metal

Emergency pressurised horn with non-flammable 134A propellant for safety at sea.

Avertisseur d'urgence pressurisé avec propol 134A non inflammable pour la sécurité en mer.

Signaleinrichtung für Notdienstfahrzeuge, mit Druck beaufschlagt, mit Druckgas 134A, nicht entzündlich, für die Sicherheit auf See.

GAS line



GAS HORNS AVERTISSEUR À GAZ GASDRUCK FANFARE

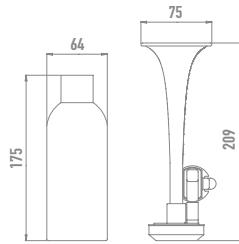
Gas volume
Volume de gas
Gasvolumen
ml

Decibel
Décibels
Schallpegel
dB(A) 1m

Frequency
Fréquence
Frequenz
Hz

Minimum
Order
Quantity
u.

Packaging



Not flammable
Not explosive
Not oxidant

Aluminium/Plastic

TE/M >
COD. 920293

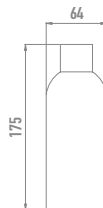
300

116

590

20

T



Not flammable
Not explosive
Not oxidant

Aluminium

REFILL TE/M >
COD. 926043

300

-

-

48

T1

Reference Référence Bezug	Packaging Emballage Verpackung	Quantity for packaging Quantité par Emballage Menge pro Verpackung	Master Carton dimensions Dimensions Carton Principal Master Karton Abmessungen	Quantity for Master Carton Quantité par Carton Principal Menge pro Master Karton	M.C. Weight Poids C.P. M.K. Gewicht	Master Carton quantity on pallet Quantité de C.P. sur palette Menge von M.K. auf Palette
		no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	mm	no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	Kg	
A	BOX - 35x72x97	1	240x145x95	8	2	-
B1	BLISTER	1	450x510x310	10	14	-
B2	BLISTER	1	450x510x310	10	16	-
B3	BLISTER	1	450x510x310	10	11	-
B4	BLISTER	1	450x510x310	10	14	-
C1	BLISTER	1	380x330x475	5	8	-
C2	BLISTER	1	460x385x455	5	9	-
C3	BLISTER	1	520x425x465	5	10	-
C4	BLISTER	1	502x427x225	12	10	-
F1	BULK	-	450x510x310	20	3	-
F2	BULK	-	450x510x310	40	4	-
F4	BOX - 135x200x480	1	550x445x445	6	8	12
F5	BOX - 135x200x480	1	550x445x445	6	5	12
F6	BOX - 220x310x150	1	500x325x400	5	15	28
F9	BOX - 135x200x480	1	550x445x445	6	10	12
F10	BOX - 110x135x480	1	450x520x265	6	10	12
F11	BOX - 220x310x150	1	500x325x400	5	12	28
F12	BOX - 185x220x150	1	500x325x400	8	10	28
F13	BOX - 135x200x480	1	550x445x445	6	9	12
F14	BOX - 110x135x480	1	450x520x265	6	5	12
F15	BOX - 220x310x150	1	500x325x400	5	4	18
F16	BOX - 110x135x480	1	450x520x265	6	4	12
F17	BOX - 110x135x480	1	450x520x265	6	3	12
G1	BOX - 113x194x80	2 H+L/L+L	400x300x300	16	13	30
G2	BOX - 82x90x105	1	400x300x300	35	11	20
G3	BOX - 82x90x105	1	400x300x300	35	10	40
G4	BOX - 95x190x85	2 H+L	600x460x200	30	21	32
G5	BOX - 142x180x146	1	400x300x300	8	5	40
G6	BOX - 144x385x146	1	400x300x300	4	12	40
G7	BOX - 142x180x146	1	400x300x300	8	18	40
G8	BOX - 142x180x146	1	400x300x300	8	9	40
G9	BOX - 113x194x80	1	400x300x300	16	9	40
H	BOX - 95x166x357	1	400x390x480	8	11	-
H1	BOX - 95x166x357	1	400x390x480	8	7	-
H2	2 BOX - 95x166x357	1	400x390x480	4	6	-

Reference Référence Bezug	Packaging Emballage Verpackung	Quantity for packaging Quantité par Emballage Menge pro Verpackung	Master Carton dimensions Dimensions Carton Principal Master Karton Abmessungen	Quantity for Master Carton Quantité par Carton Principal Menge pro Master Karton	M.C. Weight Poids C.P. M.K. Gewicht	Master Carton quantity on pallet Quantité de C.P. sur palette Menge von M.K. auf Palette
		no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	mm	no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	Kg	
I1	BOX - 82x90x105	1	400x300x200	22	7	10
I2	BOX - 82x90x105	1	400x300x200	22	6	-
I3	BOX - 83x126x192	1	400x300x200	9	5	40
I4	BOX - 113x194x80	1	400x300x300	16	8	40
I5	BOX - 83x126x192	2	400x300x200	9	3	-
I6	BOX - 83x126x192	1	400x300x200	9	4	-
I7	BOX - 82x90x105	1	400x300x200	22	2	-
I8	BOX - 113x194x80	1	510x430x225	16	14	-
I9	BOX - 113x194x80	1	510x430x225	16	15	-
I10	BOX - 113x194x80	1	510x430x225	16	20	-
I11	BOX - 113x194x80	1	510x430x225	16	28	-
I12	BOX - 82x90x105	1	400x300x200	22	7	40
I13	BOX - 82x90x106	2	400x300x200	22	8	40
I14	BOX - 93x190x85	2 H+L	400x300x200	12	7	40
I15	BOX - 82x90x105	1	3 boxes x (400x300x200)	3 boxes x 22	3 boxes x 7	40
I16	BOX - 93x190x85	2 H+L	3 boxes x (400x300x200)	3 boxes x 12	3 boxes x 8	40
I17	BOX - 82x90x105	1	3 boxes x (400x300x200)	3 boxes x 22	3 boxes x 6	40
I18	BOX - 93x190x85	2 H+L	3 boxes x (400x300x200)	3 boxes x 12	3 boxes x 6	40
L1	BOX - 93x190x85	2 H+L	610x470x230	30	21	32
L2	BOX - 93x190x85	2 H+L	610x470x230	30	20	32
L3	BOX - 93x190x85	2 H+L	610x470x230	30	15	32
L4	BOX - 95x138x103	1	610x470x230	32	13	16
M	BOX - 145x145x690	1	725x500x490	9	13	6
N	BOX - 82x90x105	1	460x450x300	60	19	12
N1	BOX - 82x90x105	1	460x450x300	60	15	16
R	BOX - 130x215x150	1	600x400x300	13	9	15
S	BOX - 62x125x125	1	300x200x200	8	5	20
S2	BOX - 82x90x105	3	300x200x200	9	1	-
S3	BOX - 82x90x106	1	300x200x200	9	2	-
S4	BOX - 50x80x105	4	400x300x200	22	2	-
S5	BOX - 62x125x125	1	300x200x200	8	2	-
S6	BOX - 82x90x105	1	7 boxes x (300x200x200)	7 boxes x 9	7 boxes x 3	32
T	BLISTER	1	500x320x420	20	11	28
T1	BLISTER	1	500x320x420	48	19	28
U	BULK	-	300x200x200	240	7	-
V	BOX - 435x300x290	1	435x300x290	1	4,9	-

Brackets | Patte | Halter

Reference Référence Bezug	Thickness Espaisseur Dicke	Quantity for horn Quantité par avertisseur Menge pro Hupe	Interaxis Entraxe Achsabstand	Fastening diameter on vehicle Diamètre fixation sur voiture Befestigungsdurchmesser am Fahrzeug
	mm		mm	
AM80S	2	1	70	M8
TR99	2	1	65	M8
HK9	1	2	65	M8
HK8	1	2	65	M8

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