wieland

revos

SOLID **CONNECTION**

Industrial multipole connectors for
use in especially tough environment conditions.

HELLO
WIELAND ELECTRIC

Over 100 years of safe connections.

As the inventor of safe electrical connection technology,
we are committed to individual and safe system solutions.

Together with our broad product portfolio we offer comprehensive services for industry applications as well as building installation and lighting technology. This experience amounts to Wieland being the global market leader for pluggable, electrical installations in commercial buildings and a dependable partner for machine safety. Our solutions are designed for the secure safety of your team, ensuring that integration of our system is fast and easy while saving time and cost. Thanks to our modular solutions your requirements can be satisfied in a fast, flexible and fail-safe way.

We operate worldwide with subsidiaries, production facilities and sales partners and have an excellent global network. Our specialist teams are supporting customers and projects across the globe - personally and individually. Our competences in engineering, production and logistics processes are interlinked with each other for maximum efficiency.

We look forward to exploring all partnership opportunities with you.

1910
founded in Bamberg

1600+
employees worldwide

6
production sites

70+
countries worldwide

OUR **SECTOR KNOWLEDGE.**

We have developed special industry knowledge in a wide variety of specialized fields. This forms the basis of our successful solutions.

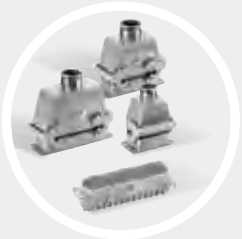
- Machine and system construction
- Building installation
- Heating, ventilation and air conditioning systems
- Light technology
- Combustion technology
- Conveying technology
- Wind energy and Photovoltaic
- Lifts and escalators

OUR **SOLUTIONS** RANGE

for machine building and plant engineering.

podis® – Power bus system installed safely and decentralized with high IP rating

RST® – Round connectors offer highest reliability with IP 69 rating



revos – Industrial connectors for reliable power and signal distribution

fasis + selos – Terminal blocks for the perfect fit in small spaces

Components and solutions for the safety of machines and plants

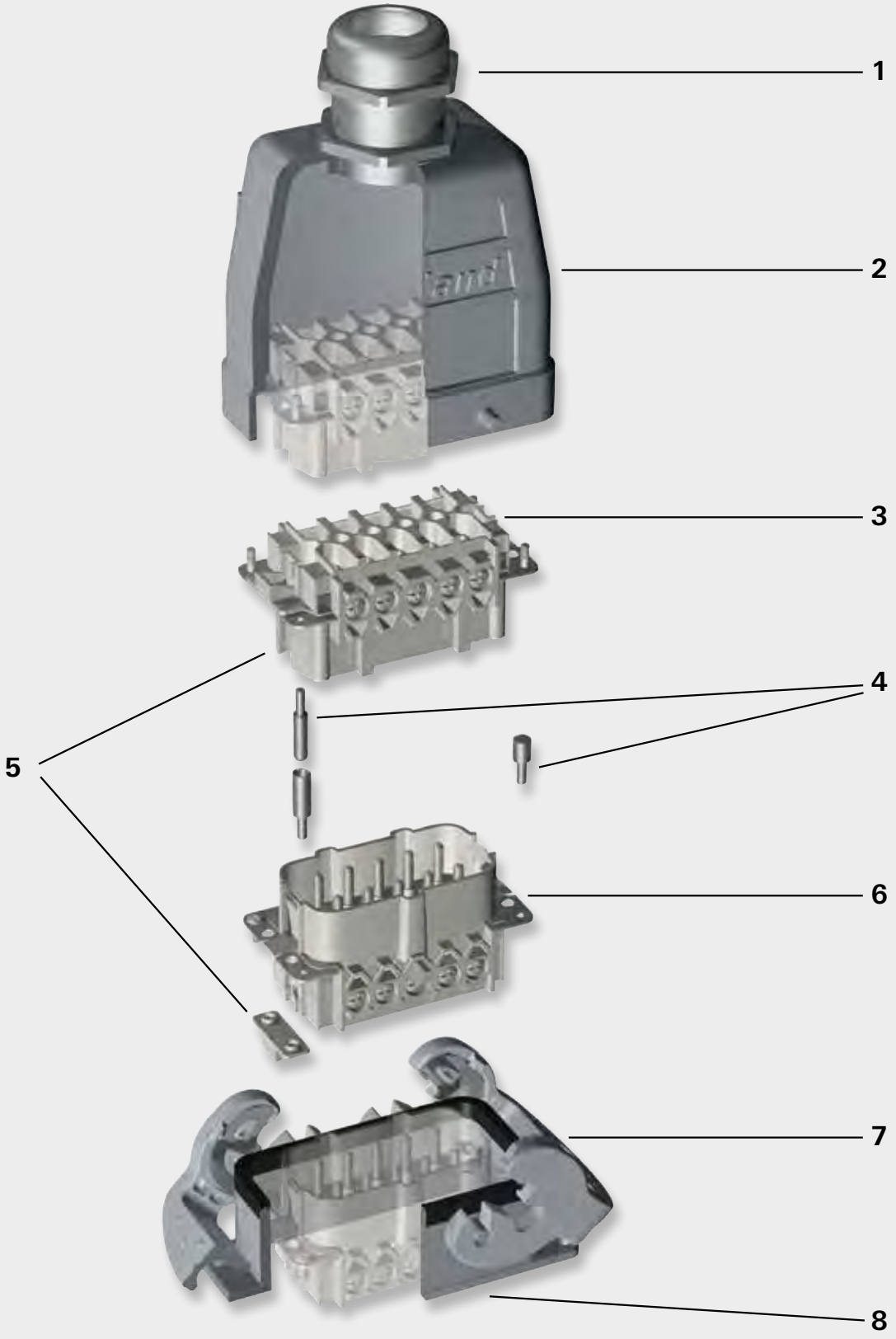
wiecon®– extensive portfolio of pluggable connectors for circuit boards

wipos power supply and wienet switches allow for an industrial network and data technology

wienet – Router, Gateways and Cloud Services for a reliable communication all over the world

| CONTENTS |

General design of a *revos* industrial multipole connectors



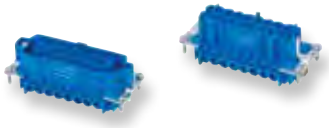
90 V contact inserts

Contact inserts *revos* Ex

6-pole + ground
Size 6

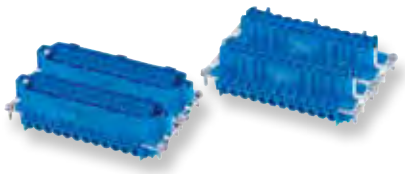
10-pole + ground
Size 10

16-pole + ground
Size 16



24-pole + ground
Size 24

48-pole + ground
Size 48



Description	Type	Part No.	P.U.
Contact inserts *revos* Ex 90 V	**6-pole + ground**		
Male insert	EX STS 6 2,5 09IA	72.310.0653.9	10
Female insert	EX BUS 6 2,5 09IA	72.300.0653.9	10
Male insert, AU	EX STS 6 2,5 09IA AU	72.311.0653.9	10
Female insert, AU	EX BUS 6 2,5 09IA AU	72.301.0653.9	10
Contact inserts *revos* Ex 90 V	**10-pole + ground**		
Male insert	EX STS 10 2,5 09IA	72.310.1053.9	10
Female insert	EX BUS 10 2,5 09IA	72.300.1053.9	10
Male insert, AU	EX STS 10 2,5 09IA AU	72.311.1053.9	10
Female insert, AU	EX BUS 10 2,5 09IA AU	72.301.1053.9	10
Contact inserts *revos* Ex 90 V	**16-pole + ground**		
Male insert	EX STS 16 2,5 09IA	72.310.1653.9	10
Female insert	EX BUS 16 2,5 09IA	72.300.1653.9	10
Male insert, AU	EX STS 16 2,5 09IA AU	72.311.1653.9	10
Female insert, AU	EX BUS 16 2,5 09IA AU	72.301.1653.9	10
Contact inserts *revos* Ex 90 V	**24-pole + ground**		
Male insert	EX STS 24 2,5 09IA	72.310.2453.9	10
Female insert	EX BUS 24 2,5 09IA	72.300.2453.9	10
Male insert, AU	EX STS 24 2,5 09IA AU	72.311.2453.9	10
Female insert, AU	EX BUS 24 2,5 09IA AU	72.301.2453.9	10
Contact inserts *revos* Ex 90 V	**48-pole + ground**		
Male insert with wire protection, marked 1-24, 25-48	EX STS 48 2,5 09IA	72.310.4853.9	5
Female insert with wire protection, marked 1-24, 25-48	EX BUS 48 2,5 09IA	72.300.4853.9	5

Technical data	
Rated voltage	90 V
Rated voltage according to UL/CSA	-
Rated impulse voltage	-
Rated current	Dependent on the wire cross section*)
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	-
CSA	-
Contacts	
Material	Copper alloy
Surface	Sn. Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200 / Au 500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-20 … +60 °C

Housing *revos* Ex	Type	Page
Size	6Ex	224–227
Size	10Ex	228–231
Size	16Ex	232–235
Size	24Ex	236–239
Size	48Ex	240–243

See section “facts & DATA” for handling and assembly of the multipole connectors.

0344 Ex I M1 Ex ia I

BVS 03 **ATEX** 184 X

EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minimum protection rating of IP54 is maintained in accordance with EN 60529.
2. The heavy duty connectors can be used in an ambient temperature ranges from -20 °C to +60 °C.

***Wire cross section**

Permitted wire cross section	**Max. input current**
1.5 mm² bis 2.5 mm²	16 A
1.0 mm²	10 A
0.75 mm²	6 A
0.5 mm²	3 A

Hoods, single locking lever
Size 6Ex

Hoods
Size 6Ex

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 6Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M20				
with threaded collar	EX GOT GG 6 M20 09IA Z1	20	70.350.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GG 6 M20 09IA Z3	20	70.350.0636.3	1
Lateral cable entry M25				
with threaded collar	EX GOT GG 6 M25 09IA Z1	25	70.353.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GG 6 M25 09IA Z3	25	70.353.0636.3	1
Top cable entry M20				
with threaded collar	EX GOT GI 6 M20 09IA Z1	20	70.352.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GI 6 M20 09IA Z3	20	70.352.0636.3	1
Top cable entry M25				
with threaded collar	EX GOT GI 6 M25 09IA Z1	25	70.354.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GI 6 M25 09IA Z3	25	70.354.0636.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GT 6 M20 09IA Z4	20	99.731.3329.7	10
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GT 6 M25 09IA Z4	25	99.732.3329.7	1
Top cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GR 6 M20 09IA Z3	20	99.741.3329.7	10
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GR 6 M25 09IA Z3	25	99.742.3329.7	10

Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

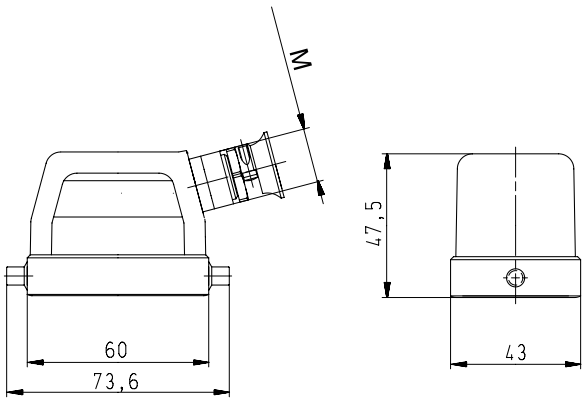
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ⓔx I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 298 and 303.

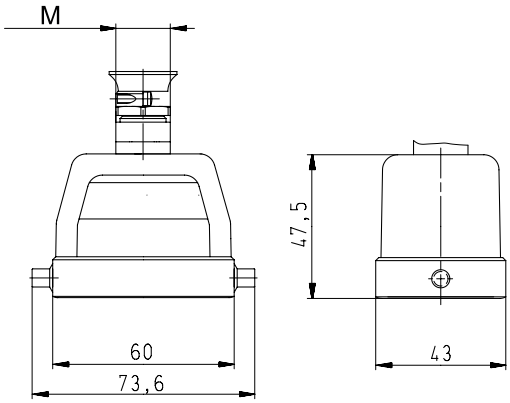
Dimensions

Hoods

Lateral cable entry



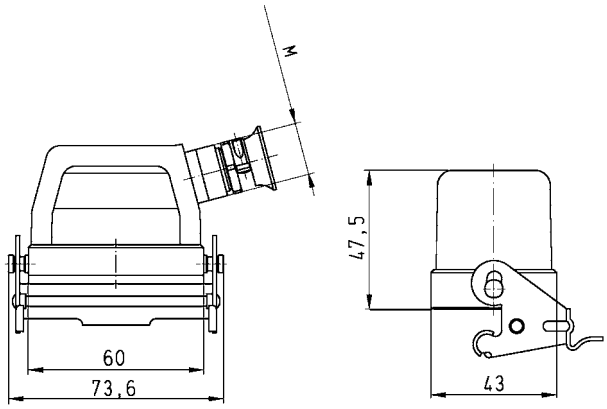
Top cable entry



Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

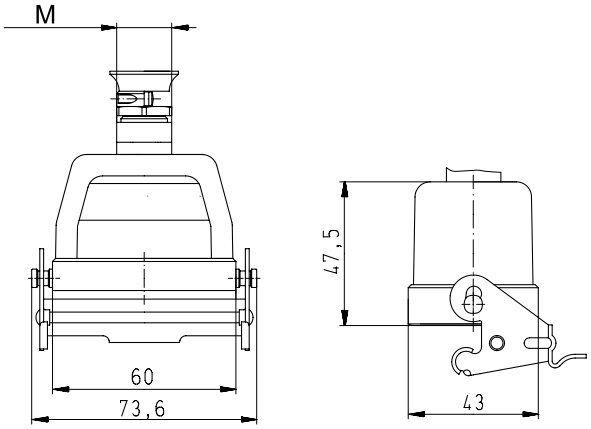
Lateral cable entry



Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Top cable entry



Bases, single locking lever
Size 6Ex

Bases
Size 6Ex

open
without cover
with cover

closed
1 cable gland, lateral cable entry
without cover
with cover

closed
1 cable gland, bottom
with cover

Description	Type	M	Part No.	P.U.
Bases, size 6Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GK 6 09IA Z		70.320.0628.9	1
with cover	EX GUT GP 6 09IA Z		70.325.0628.9	1
cover with gasket	EX GUT GV 6 09IA Z		99.700.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GL 6 M20 09IA Z0	20	70.330.0636.0	1
with cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GR 6 M20 09IA Z0	20	70.340.0636.0	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GL 6 M25 09IA Z0	25	70.334.0636.0	1
with cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GR 6 M25 09IA Z0	25	70.344.0636.0	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GM 6 M20 09IA Z0	20	70.331.0636.0	1
with cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GS 6 M20 09IA Z0	20	70.341.0636.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GM 6 M25 09IA Z0	25	70.335.0636.0	1
with cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GS 6 M25 09IA Z0	25	70.345.0636.0	1
1 cable gland, right, 1 x M20				
with cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GT 6 M20 09IA Z0	20	70.342.0636.0	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GT 6 M25 09IA Z0	25	70.346.0636.0	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GO 6 M20 09IA Z0	20	70.333.0636.0	1
with cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GU 6 M20 09IA Z0	20	70.343.0636.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GO 6 M25 09IA Z0	25	70.337.0636.0	1
with cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GU 6 M25 09IA Z0	25	70.347.0636.0	1

Technical data	
Material metal/plastic	Die cast zinc alloy/Cover Polyamide
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

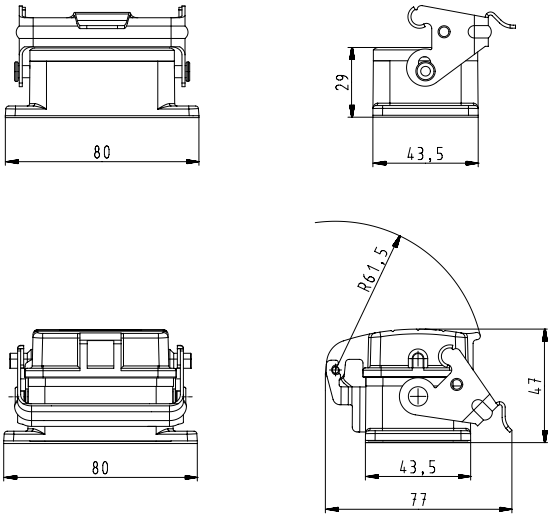
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ⓔx I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 298 and 303.

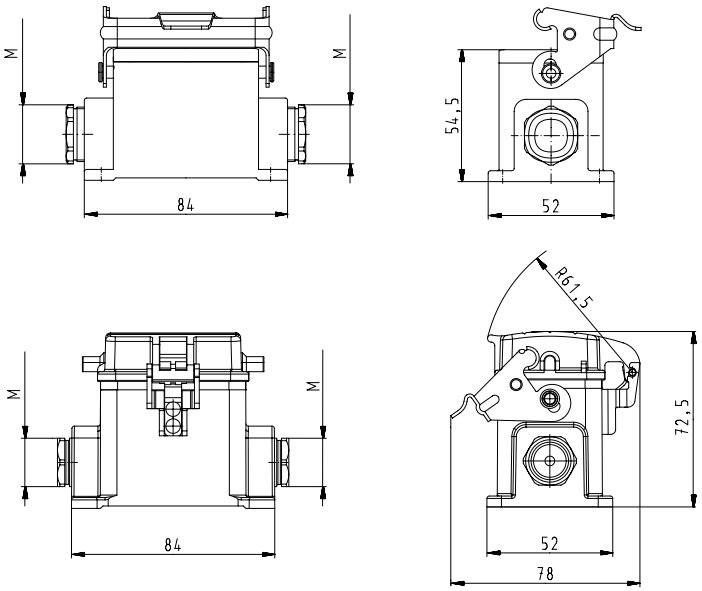
Dimensions

Bases

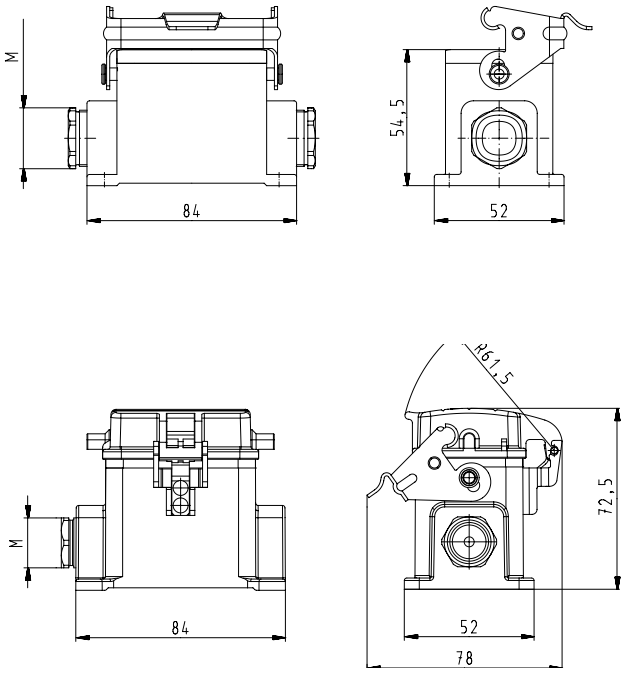
open



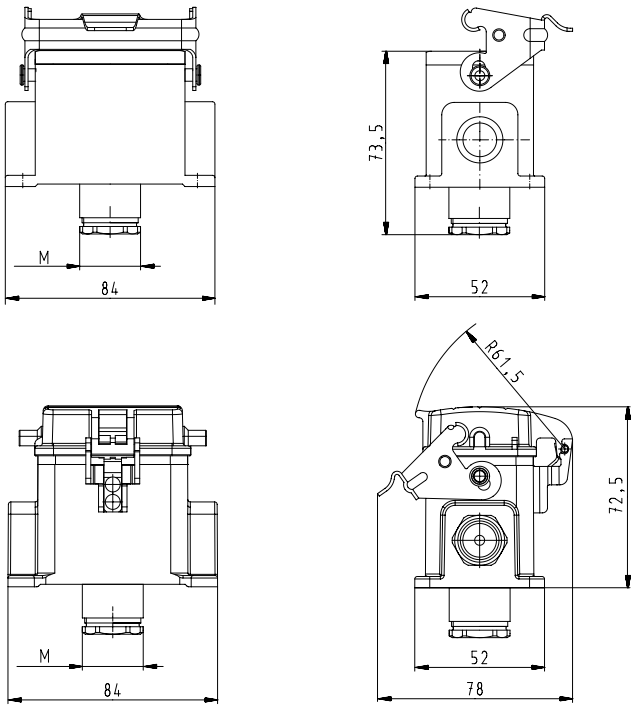
closed, 2 cable glands, lateral cable entry



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom



Hoods, double locking lever
Size 10Ex

Hoods
Size 10Ex

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 10Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M20				
with threaded collar	EX GOT GA 10 M20 09IA Z1	20	70.350.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GA 10 M20 09IA Z3	20	70.350.1036.3	1
Lateral cable entry M25				
with threaded collar	EX GOT GA 10 M25 09IA Z1	25	70.353.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GA 10 M25 09IA Z3	25	70.353.1036.3	1
Top cable entry M20				
with threaded collar	EX GOT GC 10 M20 09IA Z1	20	70.352.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GC 10 M20 09IA Z3	20	70.352.1036.3	1
Top cable entry M25				
with threaded collar	EX GOT GC 10 M25 09IA Z1	25	70.354.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GC 10 M25 09IA Z3	25	70.354.1036.3	1
90 V Hoods, size 10Ex				
with Locking levers without gasket				
Lateral cable entry M20				
with threaded collar, with Locking levers	EX GOT GD 10 M20 09IA Z1	20	70.355.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm, with Locking levers	EX GOT GD 10 M20 09IA Z3	20	70.355.1036.3	1
Lateral cable entry M25				
with threaded collar, with Locking levers	EX GOT GD 10 M25 09IA Z1	25	70.358.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GD 10 M25 09IA Z3	25	70.358.1036.3	1
Top cable entry M20				
with threaded collar, with Locking levers	EX GOT GF 10 M20 09IA Z1	20	70.357.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm, with Locking levers	EX GOT GC 10 M20 09IA Z3	20	70.357.1036.3	1
Top cable entry M25				
with threaded collar, with Locking levers	EX GOT GF 10 M25 09IA Z1	25	70.359.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GF 10 M25 09IA Z3	25	70.359.1036.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GS 10 M20 09IA Z4	20	99.733.3329.7	8
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GS 10 M25 09IA Z4	25	99.734.3329.7	1
Top cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GP 10 M20 09IA Z4	20	99.743.3329.7	8
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GP 10 M25 09IA Z4	25	99.744.3329.7	8

Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.
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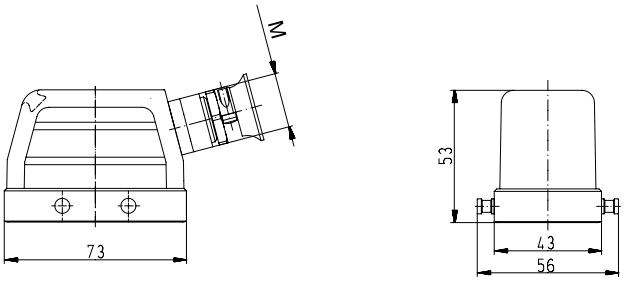
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

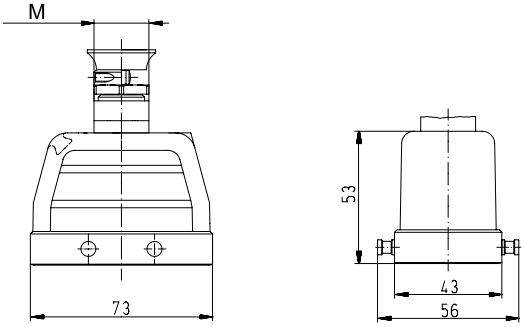
Dimensions

Hoods

Lateral cable entry



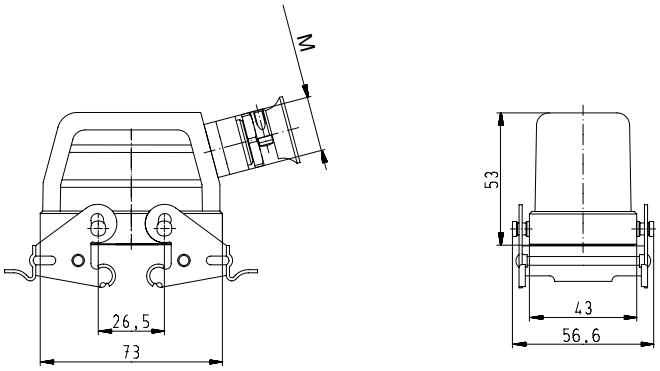
Top cable entry

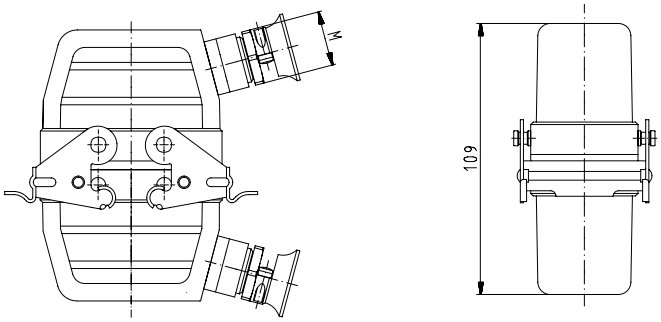


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Lateral cable entry

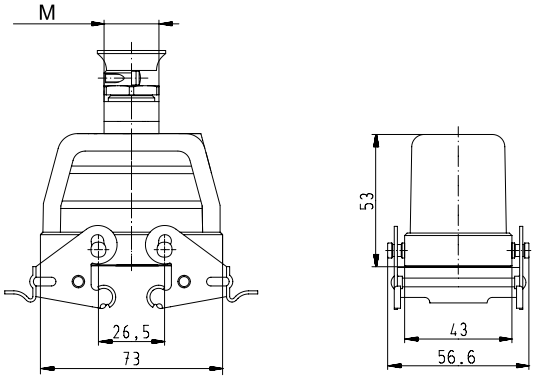


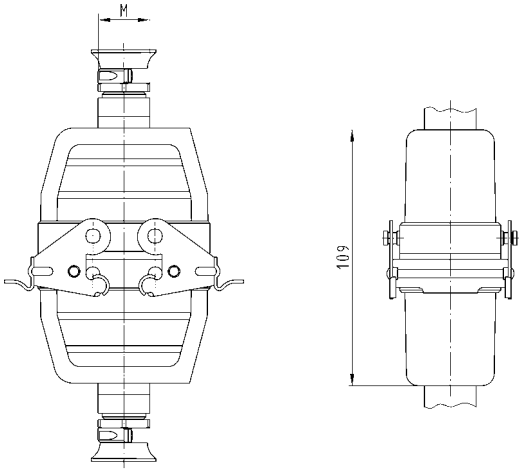


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Top cable entry





Bases, double locking lever
Size 10Ex

Bases
Size 10Ex

open
without cover
with cover

closed
1 cable gland, lateral cable entry
without cover

closed
1 cable gland, bottom
without cover

Description	Type	M	Part No.	P.U.
Bases, size 10Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GA 10 09IA Z		70.320.1028.9	1
with cover, without Locking levers	EX GUT GE 10 09IA Z		70.325.1028.9	1
cover with gasket	EX GUT GX 10 09IA Z		99.706.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GB 10 M20 09IA Z0	20	70.330.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GF 10 M20 09IA Z0	20	70.340.1036.0	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GB 10 M25 09IA Z0	25	70.334.1036.0	1
with cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GF 10 M25 09IA Z0	25	70.344.1036.0	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GC 10 M20 09IA Z0	20	70.331.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GG 10 M20 09IA Z0	20	70.341.1036.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GC 10 M25 09IA Z0	25	70.335.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GG 10 M25 09IA Z0	25	70.345.1036.0	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GD 10 M20 09IA Z0	20	70.333.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, →|Ø|← 3 – 14.5 mm	EX GUT GI 10 M20 09IA Z0	20	70.343.1036.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GD 10 M25 09IA Z0	25	70.337.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, →|Ø|← 7.5 – 19 mm	EX GUT GI 10 M25 09IA Z0	25	70.347.1036.0	1

Technical data	
Material metal/plastic	Die cast zinc alloy/Cover Polyamide
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

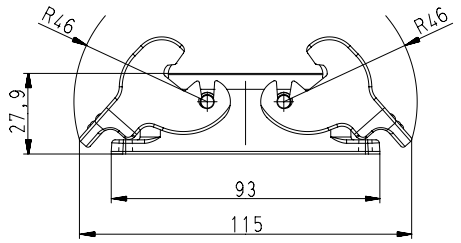
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

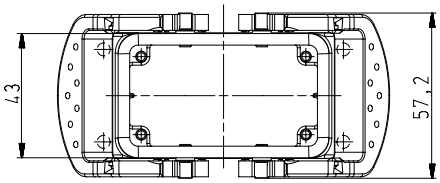
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

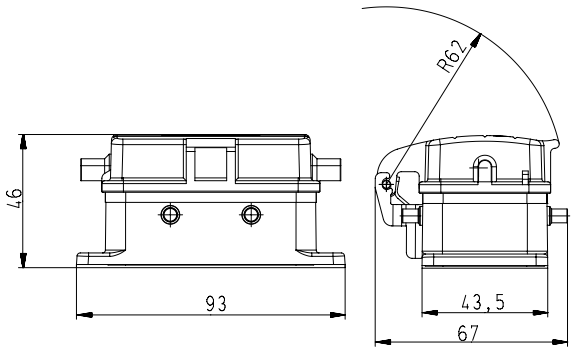
Dimensions

Bases

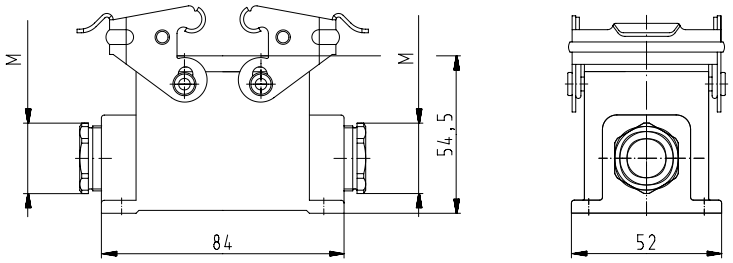
open



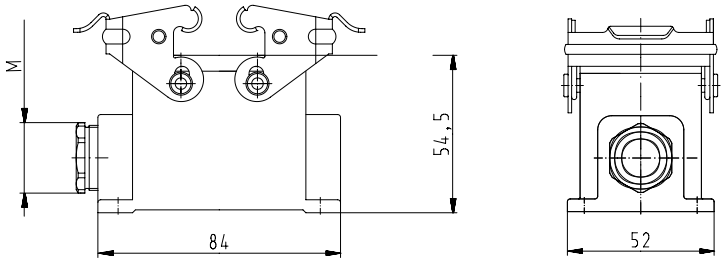




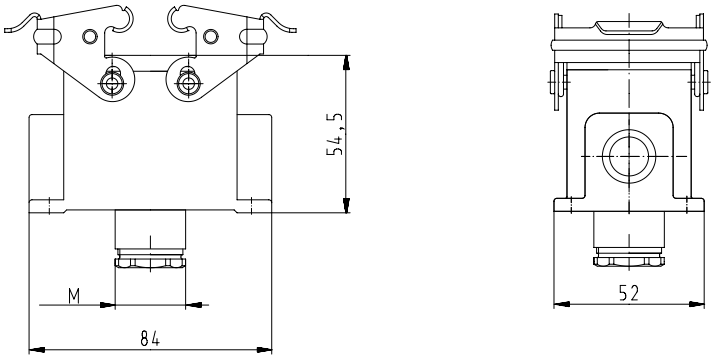
closed, 2 cable glands



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom



Hoods, double locking lever
Size 16Ex

Hoods
Size 16Ex

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 16Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M25				
with threaded collar	EX GOT GA 16 M25 09IA Z1	25	70.350.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GA 16 M25 09IA Z3	25	70.350.1636.3	1
Lateral cable entry M32				
with threaded collar	EX GOT GA 16 M32 09IA Z1	32	70.353.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GA 16 M32 09IA Z3	32	70.353.1636.3	1
Top cable entry M25				
with threaded collar	EX GOT GC 16 M25 09IA Z1	25	70.352.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GC 16 M25 09IA Z3	25	70.352.1636.3	1
Top cable entry M32				
with threaded collar	EX GOT GC 16 M25 09IA Z1	32	70.354.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GC 16 M25 09IA Z3	32	70.354.1636.3	1
90 V Hoods, size 16Ex				
with Locking levers without gasket				
Lateral cable entry M25				
with threaded collar, with Locking levers	EX GOT GD 16 M25 09IA Z1	25	70.355.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GD 16 M25 09IA Z3	25	70.355.1636.3	1
Lateral cable entry M32				
with threaded collar, with Locking levers	EX GOT GD 16 M32 09IA Z1	32	70.358.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GD 16 M32 09IA Z3	32	70.358.1636.3	1
Top cable entry M25				
with threaded collar, with Locking levers	EX GOT GF 16 M25 09IA Z1	25	70.357.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GC 16 M25 09IA Z3	25	70.357.1636.3	1
Top cable entry M32				
with threaded collar, with Locking levers	EX GOT GF 16 M25 09IA Z1	32	70.359.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GF 16 M25 09IA Z3	32	70.359.1636.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GS 16 M25 09IA Z4	25	99.735.3329.7	1
Lateral cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GS 16 M32 09IA Z4	32	99.736.3329.7	1
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GR 16 M25 09IA Z4	25	99.745.3329.7	1
Top cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GR 16 M32 09IA Z4	32	99.746.3329.7	1

Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

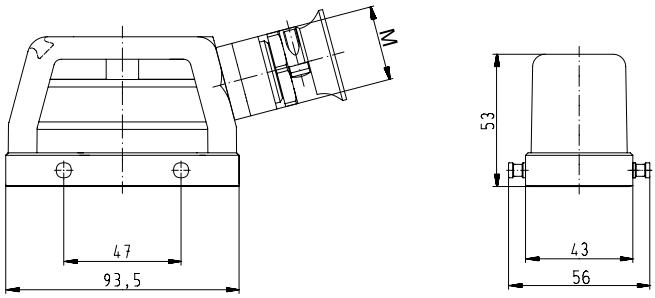
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ⓔx I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

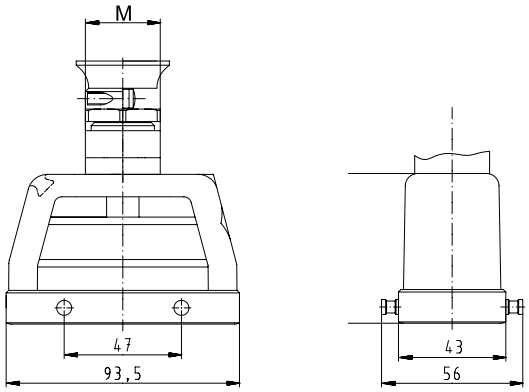
Dimensions

Hoods

Lateral cable entry



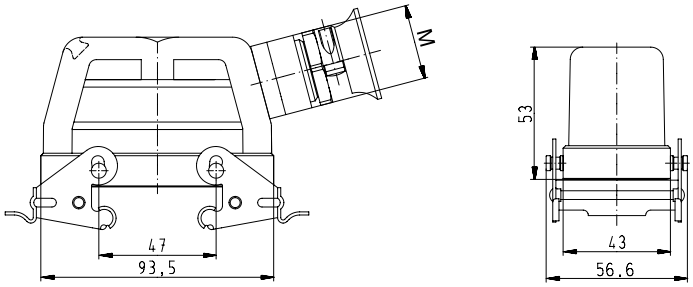
Top cable entry

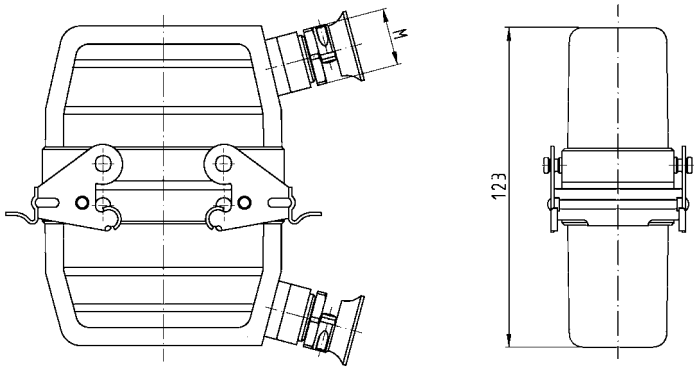


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Lateral cable entry

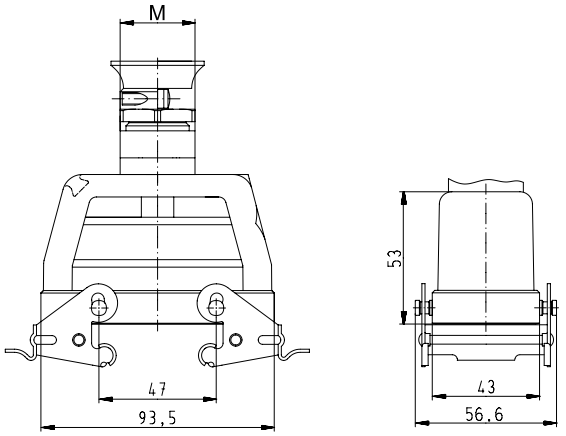


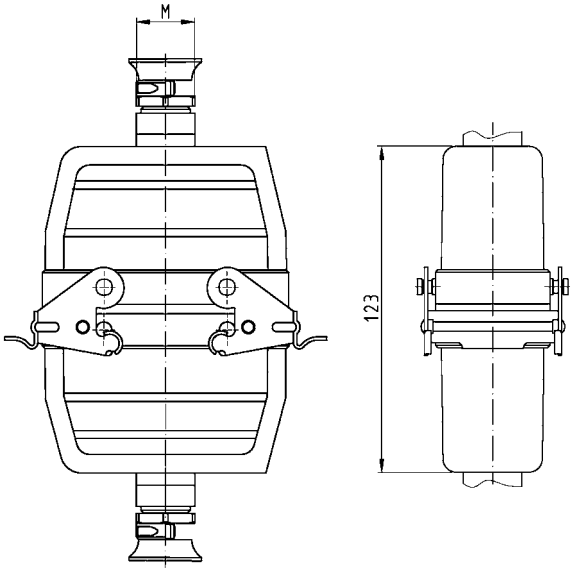


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Top cable entry





Bases, double locking lever
Size 16Ex

Bases
Size 16Ex

open
without cover

Description	Type	M	Part No.	P.U.
Bases, size 16Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GA16 09IA Z		70.320.1628.9	1
with cover, without Locking levers	EX GUT GE 16 09IA Z		70.325.1628.9	1
cover with gasket, without Locking levers	EX GUT GX 16 09IA Z		99.702.3329.7	10

Technical data	
Material metal/plastic	Die cast zinc alloy/Cover Polyamide
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

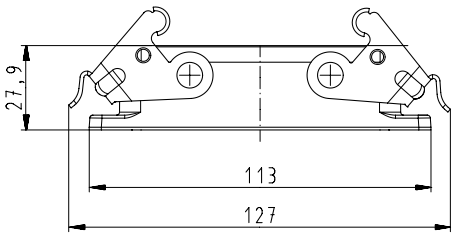
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

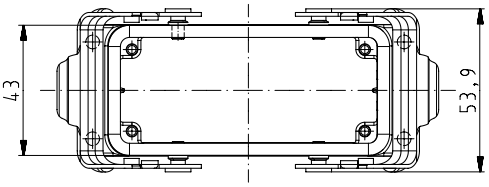
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

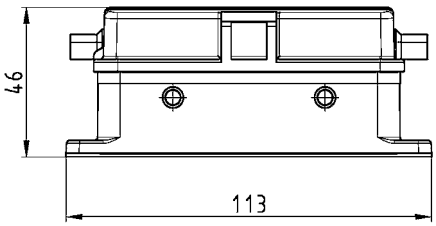
Dimensions

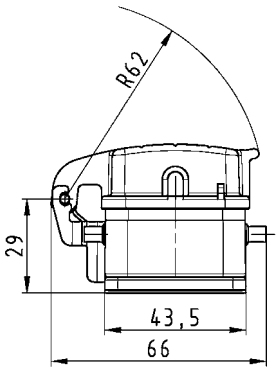
Bases

open









Hoods, double locking lever
Size 24Ex

Hoods
Size 24Ex

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 24Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M25				
with threaded collar	EX GOT GA 24 M25 09IA Z1	25	70.350.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GA 24 M25 09IA Z3	25	70.350.2436.3	1
Lateral cable entry M32				
with threaded collar	EX GOT GA 24 M32 09IA Z1	32	70.353.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GA 24 M32 09IA Z3	32	70.353.2436.3	1
Top cable entry M25				
with threaded collar	EX GOT GC 24 M25 09IA Z1	25	70.352.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GC 24 M25 09IA Z3	25	70.352.2436.3	1
Top cable entry M32				
with threaded collar	EX GOT GC 24 M32 09IA Z1	32	70.354.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GC 24 M32 09IA Z3	32	70.354.2436.3	1
90 V Hoods, size 24Ex				
with Locking levers without gasket				
Lateral cable entry M25				
with threaded collar, with Locking levers	EX GOT GD 24 M25 09IA Z1	25	70.355.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GD 24 M25 09IA Z3	25	70.355.2436.3	1
Lateral cable entry M32				
with threaded collar, with Locking levers	EX GOT GD 24 M32 09IA Z1	32	70.358.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GD 24 M32 09IA Z3	32	70.358.2436.3	1
Top cable entry M25				
with threaded collar, with Locking levers	EX GOT GF 24 M25 09IA Z1	25	70.357.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GC 24 M25 09IA Z3	25	70.357.2436.3	1
Top cable entry M32				
with threaded collar, with Locking levers	EX GOT GF 24 M32 09IA Z1	32	70.359.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GF 24 M32 09IA Z3	32	70.359.2436.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GS 24 M25 09IA Z4	25	99.737.3329.7	5
Lateral cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GS 24 M32 09IA Z4	32	99.738.3329.7	5
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GR 24 M25 09IA Z4	25	99.747.3329.7	4
Top cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GR 24 M32 09IA Z4	32	99.748.3329.7	4

Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

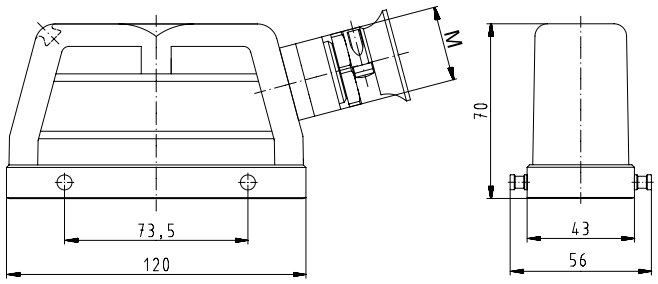
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ⓔx I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

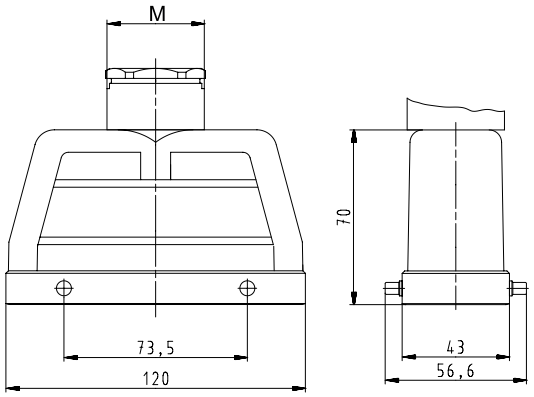
Dimensions

Hoods

Lateral cable entry



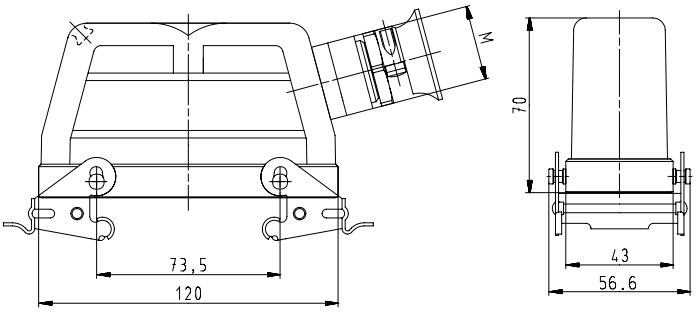
Top cable entry

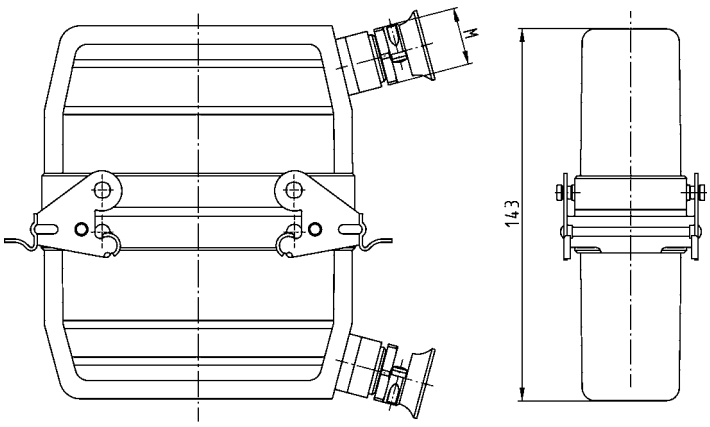


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Lateral cable entry

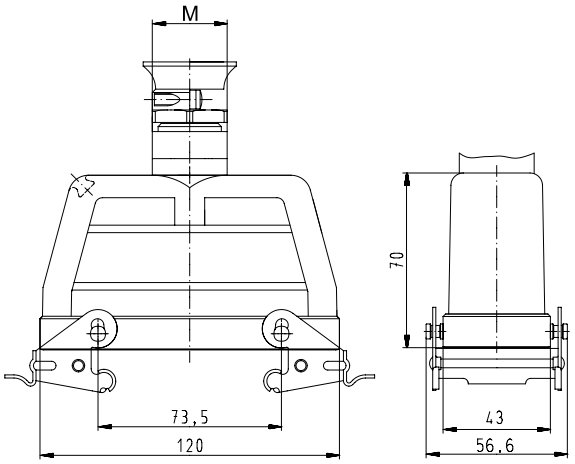


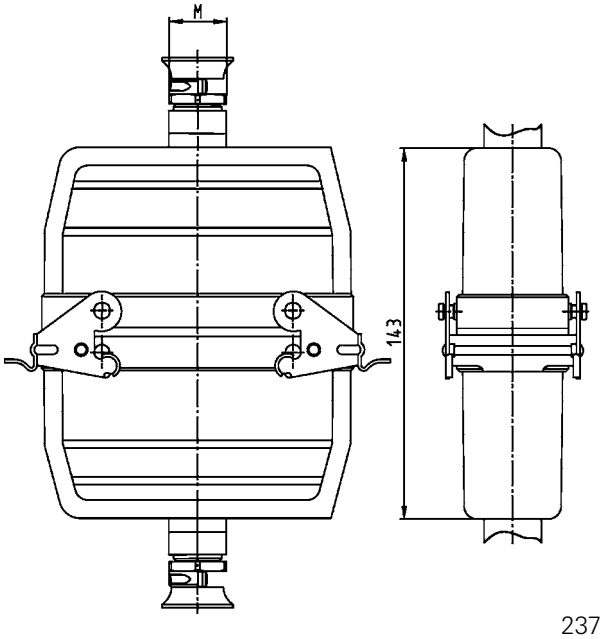


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Top cable entry





Bases, double locking lever
Size 24Ex

Bases
Size 24Ex

open
without cover

closed
1 cable gland
without cover

closed
1 cable gland, bottom
without cover

Description	Type	M	Part No.	P.U.
Bases, size 24Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GA 24 09IA Z		70.320.2428.9	1
with cover, without Locking levers	EX GUT GE 24 09IA Z		70.325.2428.9	1
cover with gasket, without Locking levers	EX GUT GX 24 09IA Z		99.704.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥I Ø I⇤ 7.5 – 19 mm	EX GUT GB 24 M25 09IA Z0	25	70.330.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥I Ø I⇤ 7.5 – 19 mm	EX GUT GF 24 M25 09IA Z0	25	70.340.2436.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥I Ø I⇤ 7.5 – 19 mm	EX GUT GC 24 M25 09IA Z0	25	70.331.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥I Ø I⇤ 7.5 – 19 mm	EX GUT GG 24 M25 09IA Z0	25	70.341.2436.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥I Ø I⇤ 7.5 – 19 mm	EX GUT GD 24 M25 09IA Z0	25	70.333.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥I Ø I⇤ 7.5 – 19 mm	EX GUT GI 24 M25 09IA Z0	25	70.343.2436.0	1

Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

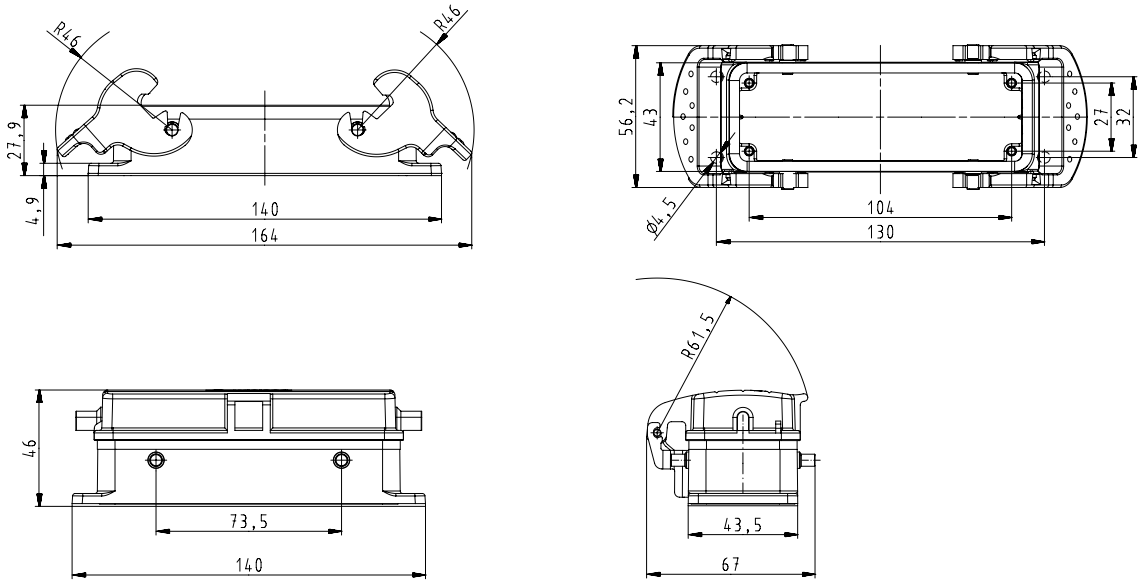
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

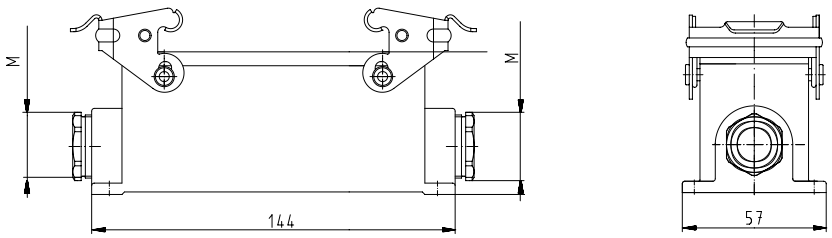
Dimensions

Bases

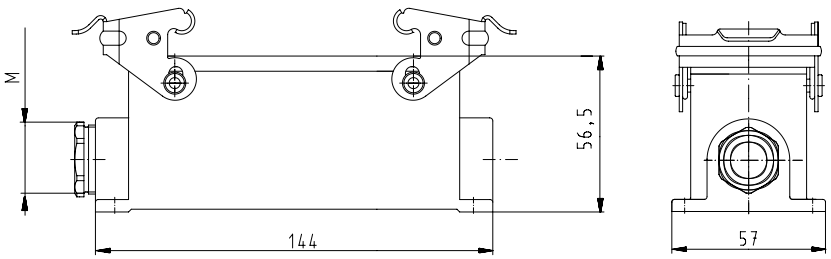
open



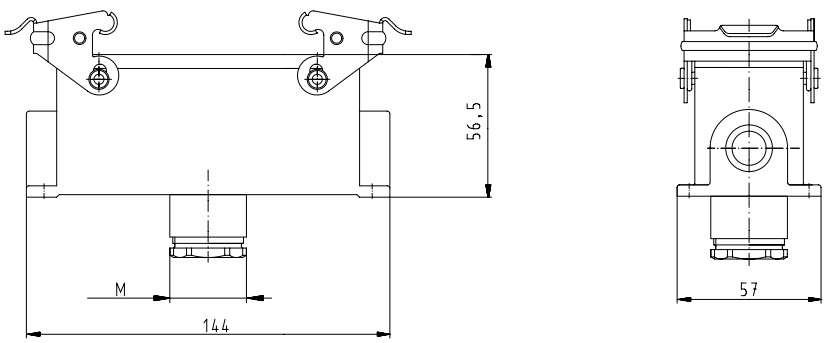
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, single locking lever, Size 48Ex

Hoods Size 48Ex

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 48Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M32				
with threaded collar	EX GOT GG 48 M32 09IA Z1	32	70.350.4836.1	1
with strain relief, IP54 →|Ø|← 21 – 28.5 mm	EX GOT GG 48 M32 09IA Z3	32	70.350.4836.3	1
Lateral cable entry M40				
with threaded collar	EX GOT GG 48 M40 09IA Z1	40	70.353.4836.1	1
Top cable entry M32				
with threaded collar	EX GOT GI 48 M32 09IA Z1	32	70.352.4836.1	1
with strain relief, IP54 →|Ø|← 21 – 28.5 mm	EX GOT GI 48 M32 09IA Z3	32	70.352.4836.3	1
Top cable entry M40				
with threaded collar	EX GOT GI 48 M40 09IA Z1	40	70.354.4836.1	1

Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.

0344 Ex I M1 Ex ia I

BVS 03 **ATEX** 184 X

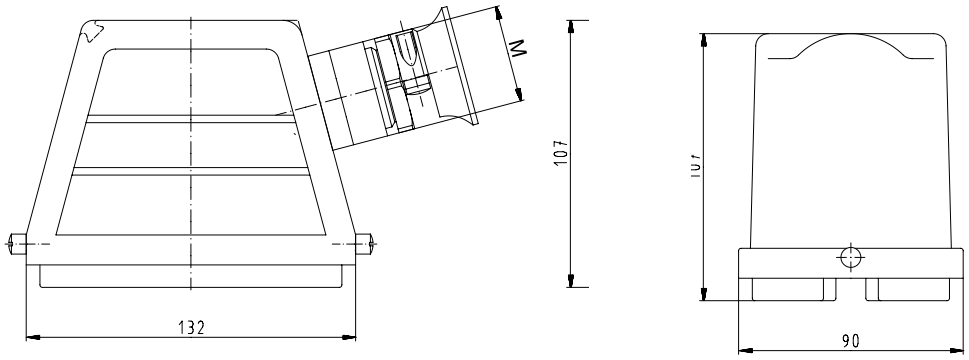
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.

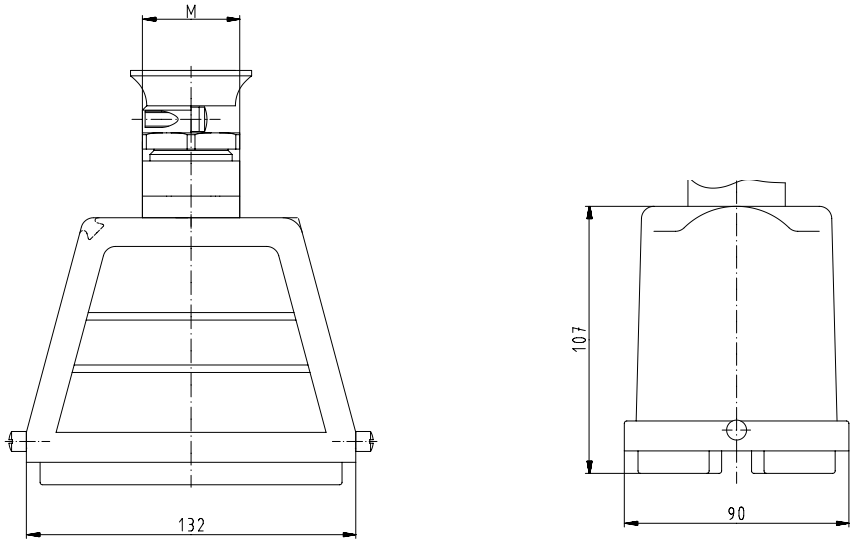
Dimensions

Hoods

Lateral cable entry



Top cable entry



Bases, single locking lever, Size 48Ex

Bases Size 48Ex

open

without cover
with cover

closed

without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 48Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GK48 09IA Z		70.320.4828.9	1
with metal cover	EX GUT GP48 09IA Z		70.325.4828.9	1
Closed-bottom base				
1 cable gland, left, 1 x M32				
without cover				
with strain relief, IP54 →|Ø|← 21 – 28.5 mm	BAS GUT GM 48 M32 09IA Z3	32	70.331.4836.3	1
with metal cover				
with strain relief, IP54 →|Ø|← 21 – 28.5 mm	BAS GUT GS 48 M32 09IA Z3	32	70.341.4836.3	1
1 cable gland, left, 1 x M40				
with metal cover				
with cable gland, IP54, →|Ø|← 27 – 37 mm	BAS GUT GR 48 M40 09IA Z3	40	70.344.4836.4	1

Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

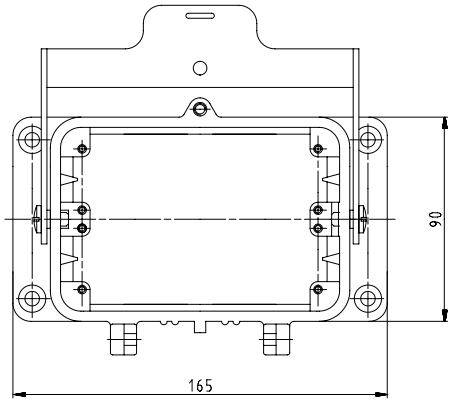
1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

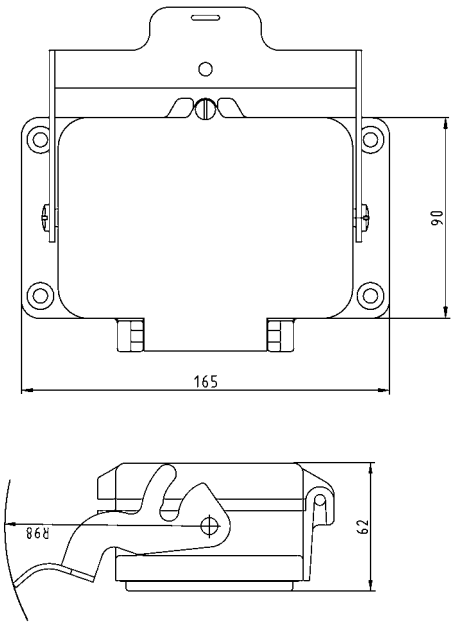
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ⓔx I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

Dimensions

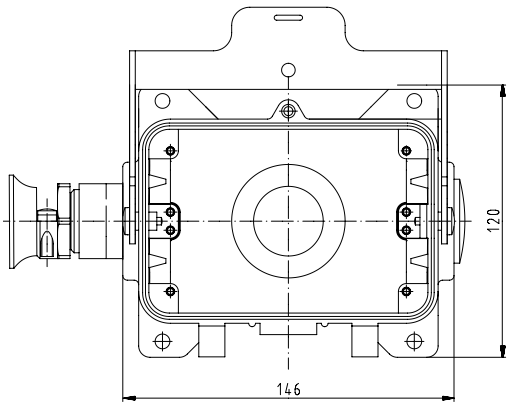
Bases

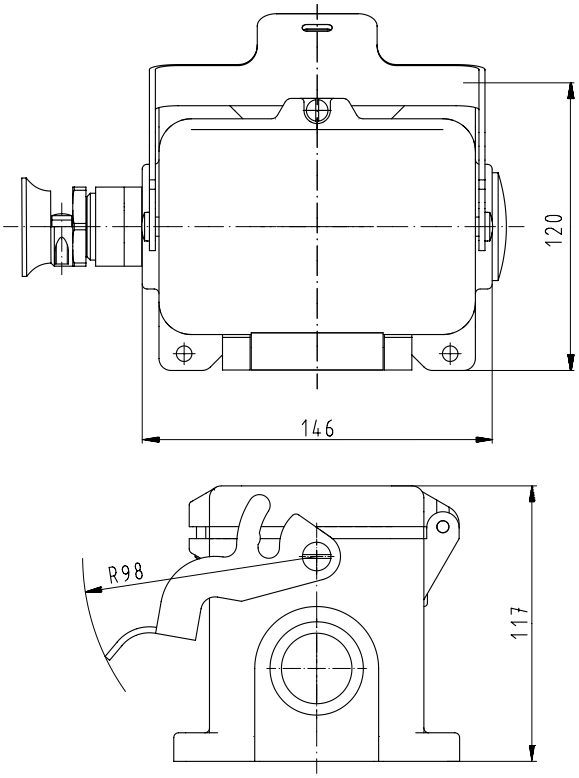
open





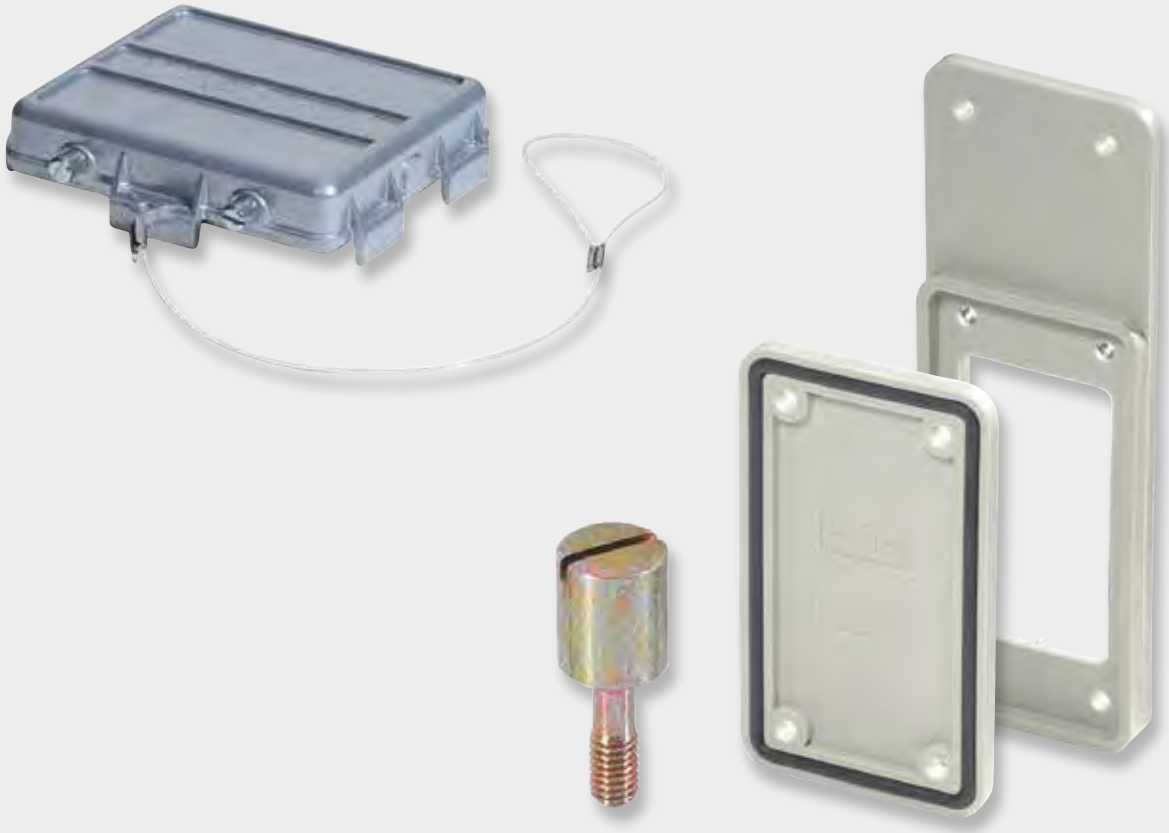
closed





revos accessories – all that you need

We offer a wide range of accessories in our portfolio of heavy duty connectors, such as DIN rail mounting frames, knock-out cover plates, coding pins, cable glands, covers for our housings, labeling accessories, and the related tools.

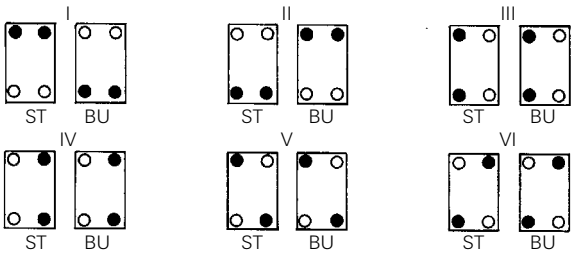


Six coding options by means of locking pins

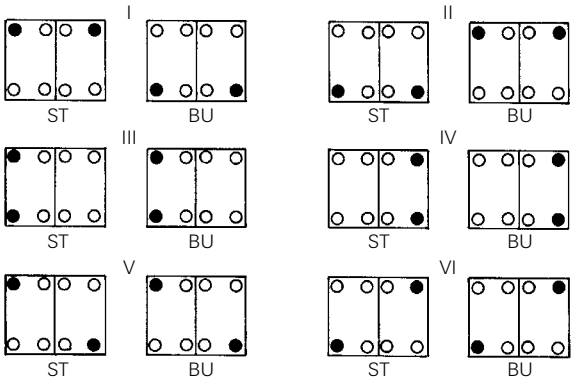
With the use of locking pins, there are a total of six combinations for 3, 6, 10, 16, 24-pin plug connectors

An additional six combinations are possible for the heavy duty connectors with two contact inserts (20, 26, 32 and 48-pin plug connectors).

One contact insert



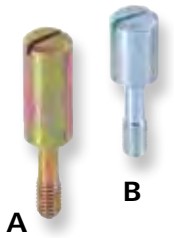
Two contact inserts



- Coding bolt
- Mounting screws

ST Male connector
BU Female connector

Coding bolt



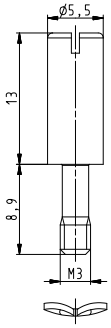
Description		Part No.	P.U.
Coding bolt			
Version A		05.592.0621.0	100
Version B		05.513.4212.0	100
Technical data			
Material	zinc-plated steel		
Color	shiny metal		

Screwdriver bit

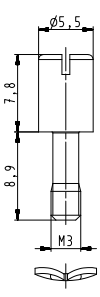
Description		Part No.	P.U.
Screwdriver bit for lock bolt, version A + B			
Yellow marking		06.502.5510.0	1
Technical data			
Material	Sleeve from 1.2210 115CrV3 (silver steel)		
Sleeve	Hardened		

Dimensions

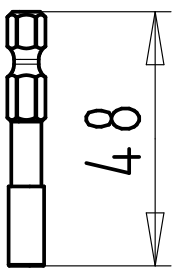
Version A



Version B



Screwdriver bit



Coding options for *revos* multipole connectors

72 coding options by means of coding pin, coding key and coding socket

Part No. for Version A
Suitable for the following contact inserts/ multipole adapters:

revos BASIC, ***revos*** POWER, ***revos*** HD, ***revos*** FLEX, ***revos*** EX

that are mounted to the housing at the **front**.

Part No. for Version B
Suitable for the following contact inserts/ multipole adapters:

revos BASIC, ***revos*** POWER, ***revos*** HD

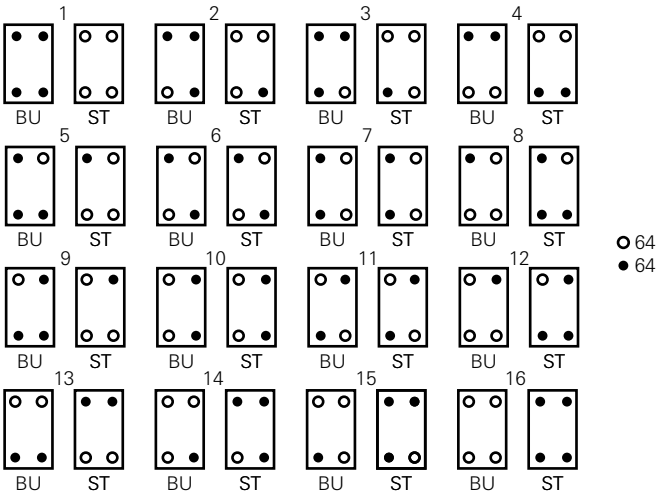
that are mounted to the housing at the **rear**.

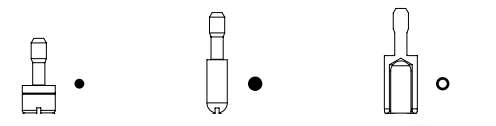
The use of coding pins and female coding pieces enables 16 different coding options.

With an additional coding bolt up to 72 coding options are possible.

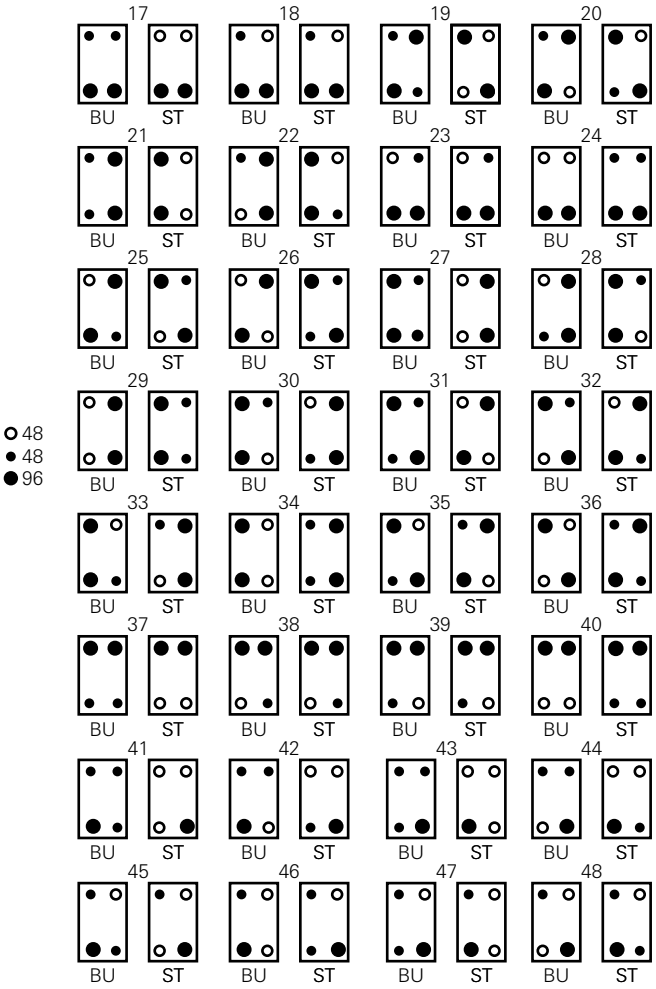
All mounting screws must be replaced by the coding components.

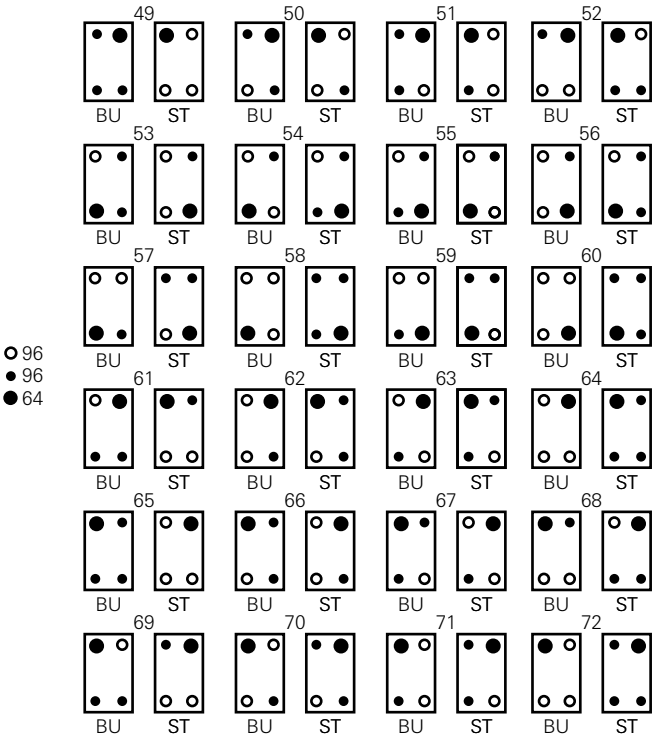
With 15- or 25-pin plug connectors of the series 73.7 … 16 coding options result, because the coding pin cannot be used here.





Coding bolt 05.576.8512 | Coding pin 05.576.8312 | Female coding piece 05.576.8412





Coding bolt, Coding pin and Female coding piece

Description		Type	Part No.	P.U.
Version A	Coding bolt		05.576.6912.0	50
	Coding pin		05.576.6612.0	50
	Female coding piece		05.576.6712.0	50
Version B	Coding bolt		05.576.8512.0	50
	Coding pin		05.576.8312.0	50
	Female coding piece		05.576.8412.0	50

Technical data	
Material	zinc-plated steel
Color	shiny metal

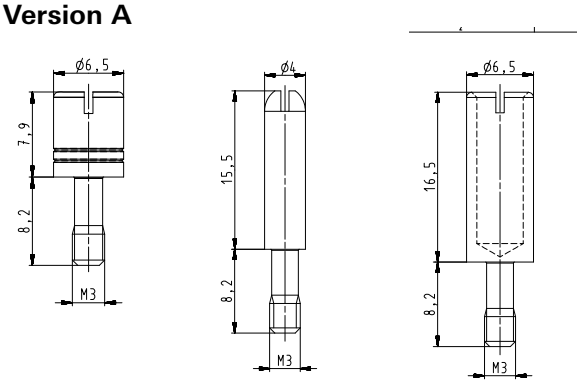
Screwdriver bit

Description	Type	Part No.	P.U.
Screwdriver bit (white marking)	for female coding piece and bolt, version A + B	06.502.5410.0	1
Screwdriver bit (red marking)	for coding pin, version A + B	06.502.5310.0	1
Screwdriver blade	for female coding piece	05.567.5214.0	5

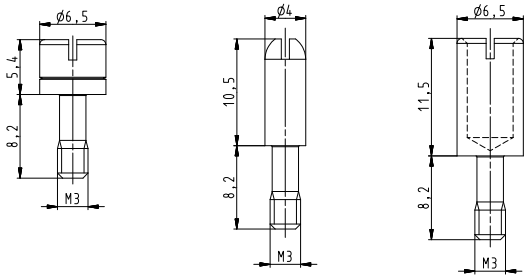
Technical data	
Werkstoff	Sleeve from 1.2210 115CrV3 (silver steel)
Sleeve	Hardened

Dimensions

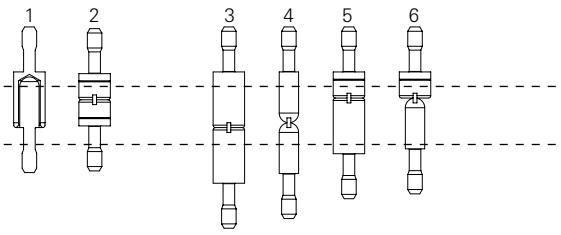
Version A



Version B

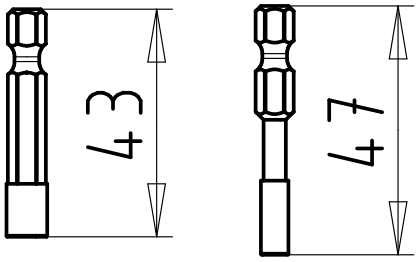


Coding plan:

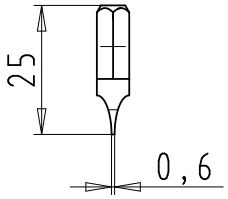


pluggable not pluggable

Screwdriver bit



Screwdriver blade

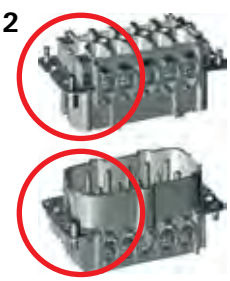


Example:

1

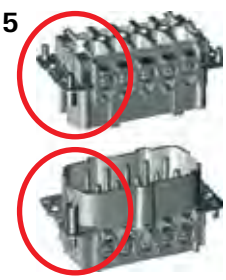
Coding between male and female connector matching

2



Coding between the coding bolts matching

5



Coding between the female connector and the coding bolt not matching

16 coding options for *revos* MINI 12-pole

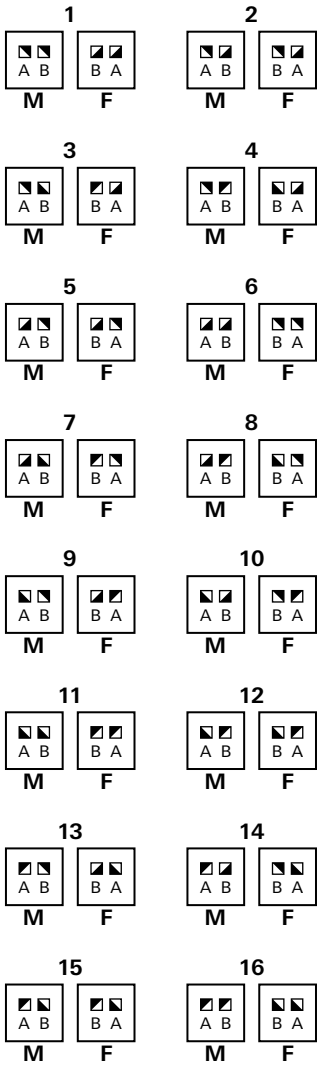
Coding piece

Description	Type	Part No.	P.U.
Coding piece			
	MIN KOD 12	05.568.0353.0	20

Technical data	
Material	Poyamide
Make-up	4 coding pieces on the web

If the MIN KOD coding piece is used, there are 16 coding options for the ***revos*** MINI 12-pole.

Coding schematic:



Metric cable glands

Cable glands IP68, plastic

Description	Type			Part No.	P.U.
Cable glands plastic					
	Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5	6 – 12	24	9	Z5.507.1353.0	10
M25x1,5	7 – 16	28	11	Z5.507.1553.0	10
M32x1,5	10 – 21	36	11	Z5.507.1753.0	10
M40x1,5	16 – 28	46	11	Z5.507.1953.0	1

Technical data	
Material	Polyamide
Color	RAL 7035
Degree of protection	IP68
Flammability	UL94-V0

Cable glands IP68, metal

Description	Type			Part No.	P.U.
Cable glands metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5	8 – 13	22	6	Z5.507.1321.0	10
M25x1,5	11 – 17	27	8	Z5.507.1521.0	10
M32x1,5	15 – 21	34	8	Z5.507.1721.0	10
M40x1,5	19 – 27	44	8	Z5.507.1921.0	1

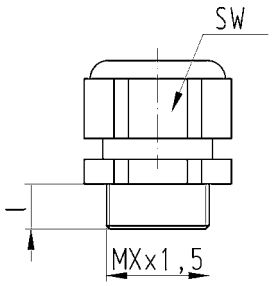
Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	IP68
Flammability	-

Cable glands EMC IP68, metal

Description	Type			Part No.	P.U.
Cable glands metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5	7.5 – 14	22	6	Z5.503.7221.0	10
M25x1,5	10 – 18	30	7	Z5.503.7321.0	10
M32x1,5	16 – 25	34	8	Z5.503.7421.0	10

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	IP68
Flammability	-

Dimensions



Strain relief, IP54

Brass cable glands, nickel-plated, metric

Cable gland, IP54, with strain relief

Name	Type				Part No.	P.U.
Cable gland metal						
	Cable Ø [mm]	L [mm]	l [mm]	SW [mm]		
M20x1.5	6.5 – 11.5	25	6	24	Z5.507.5821.0	1
M25x1.5	9 – 20	29	7	34	Z5.507.6021.0	1
M32x1.5	17 – 28	32	8	42	Z5.507.6221.0	1
M40x1.5	23 – 35	40	8	52	Z5.507.6421.0	1

Technical data	
Material	Brass, nickel-plated
Color	-
Degree of protection	IP54
Flammability	-

Bushing, IP54

Name	Type				Part No.	P.U.
Bushing metal						
	Cable Ø [mm]	L [mm]	l [mm]	SW [mm]		
M16x1.5	3 – 9	15	5	16	Z5.507.2121.0	1
M20x1.5	4 – 13	17.5	6	20	Z5.507.2221.0	1
M25x1.5	8.5 – 17.5	20	7	25	Z5.507.2321.0	1
M32x1.5	16 – 25	23	8	32	Z5.507.2421.0	1

Technical data	
Material	Brass, nickel-plated
Color	-
Degree of protection	IP54
Flammability	-

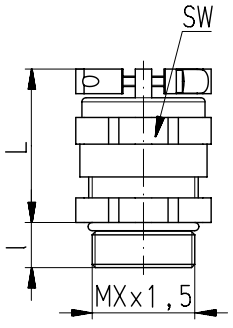
Strain relief, IP54

Name	Type				Part No.	P.U.
Cable gland metal						
	Cable Ø [mm]	L [mm]	l [mm]	SW [mm]		
M16x1.5	4 – 9	29	5	18	Z5.507.9521.0	10
M20x1.5	6.5 – 13.5	33	6	22	Z5.507.9621.0	10
M25x1.5	9 – 20	38	7	30	Z5.507.9721.0	10
M32x1.5	17 – 26	43	8	36	Z5.507.9821.0	10

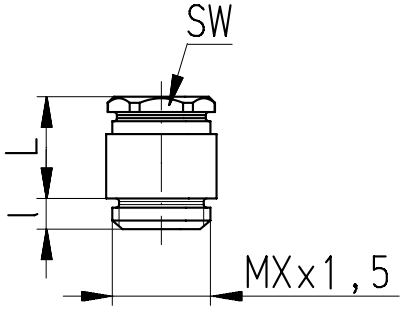
Technical data	
Material	Brass, nickel-plated
Color	-
Degree of protection	IP54
Flammability	-

Dimensions

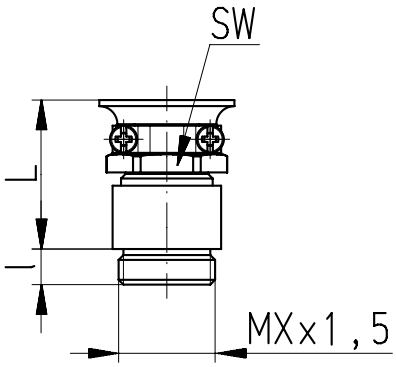
Cable gland, IP54, with strain relief, metal



Cable gland, IP54, metal



Strain relief, IP54, metal



Cable glands, Accessories

Reduction piece, nickel-plated brass

Description	Type			Part No.	P.U.
Reduction piece					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
M20x1.5	M16x1.5	22	6	05.507.9021.0	1
M25x1.5	M20x1.5	27	7	05.507.9121.0	1
M32x1.5	M25x1.5	34	8	05.507.9221.0	1
M40x1.5	M32x1.5	43	8	05.507.9321.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

Expansion piece, nickel-plated brass

Description	Type			Part No.	P.U.
Erweiterung					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
M16x1.5	M20x1.5	22	5	05.507.8621.0	1
M20x1.5	M25x1.5	27	6	05.507.8721.0	1
M25x1.5	M32x1.5	34	7	05.507.8821.0	1
M32x1.5	M40x1.5	43	8	05.507.8921.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

Adapter for PG-metric conversion

Description	Type			Part No.	P.U.
Adapter PG					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
PG 13.5	M20x1.5	26	6.5	05.507.7621.0	1
PG 16	M20x1.5	24	6.5	05.507.7721.0	1
PG 21	M25x1.5	30	7	05.507.7821.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

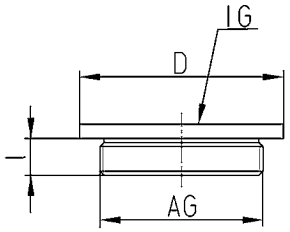
Adapter for metric-PG conversion

Description	Type			Part No.	P.U.
Adapter metrisch					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
M20x1.5	PG 13.5	22	6	05.507.8121.0	1
M20x1.5	PG 16	24	6	05.507.8221.0	1
M25x1.5	PG 21	30	7	05.507.8321.0	1
M32x1.5	PG 29	39	8	05.507.8421.0	1

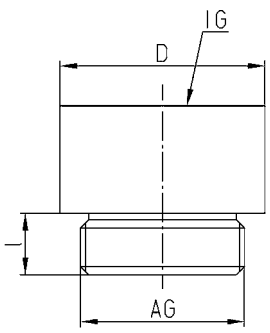
Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

Dimensions

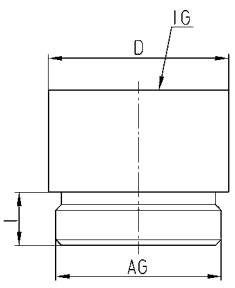
Reduction piece, nickel-plated brass



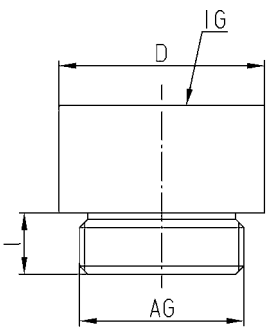
Expansion piece, nickel-plated brass



Adapter for PG-metric conversion



Adapter for metric-PG conversion



Cable glands, Accessories

Blind piece with gasket, brass

Description	Type			Part No.	P.U.
Blind piece brass					
Thread [AG]	D [mm]	l [mm]			
M20x1.5	22	6.5		05.507.4021.0	1
M25x1.5	28	7		05.507.4121.0	1
M32x1.5	35	8		05.507.4221.0	1
M40x1.5	44	8.5		on request	

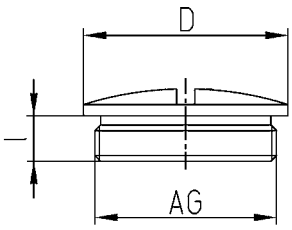
Technical data	
Material	nickel-plated brass
Color	Metalic
Degree of protection	IP68
Flammability	-

Blind piece with gasket, plastic

Description	Type		Part No.	P.U.
Blind piece plastic				
Thread [AG]	D [mm]	l [mm]		
M20x1.5	24	6	05.507.4053.0	1
M25x1.5	30	7	05.507.4153.0	1
M32x1.5	38	8	05.507.4253.0	1
M40x1.5	48	9	05.507.4353.0	1

Technical data	
Material	Polyamide
Color	gray, RAL 7035
Degree of protection	IP68
Flammability	UL94-V0

Dimensions



Protective covers without locking levers for *revos* BASIC Housings

Protective covers without locking levers

Double locking lever Size 10

without gasket with tether cord and loop

Double locking lever Size 16

without gasket with tether cord

Double locking lever Size 10

with gasket

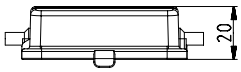
Description	Type	Part No.	P.U.
***revos* protective cover**			
for single locking lever, without gasket			
Size 6	BAS AD DI 06	07.409.7056.0	10
Size 10	BAS AD DI 10	07.428.5553.0	10
Size 16	BAS AD DI 16	07.428.5653.0	10
Size 24	BAS AD DI 24	07.428.5753.0	10
with tether cord + loop			
Size 6	BAS AD DI 06 FSR	Z7.416.1556.0	10
for single locking lever, with gasket			
Size 6	BAS AD DB 06	Z7.427.8053.0	10
with tether cord + loop			
Size 6	BAS AD DJ 06 FSR	Z7.429.0453.0	10
for double locking lever, without gasket			
Size 10	BAS AD DA 10	07.409.7156.0	10
Size 16	BAS AD DA 16	07.409.7256.0	10
Size 24	BAS AD DA 24	07.409.7356.0	10
with tether cord			
Size 10	BAS AD DA 10 FS	Z7.409.8756.0	10
Size 16	BAS AD DA 16 FS	Z7.409.8856.0	10
Size 24	BAS AD DA 24 FS	Z7.409.8956.0	10
with tether cord + loop			
Size 10	BAS AD DA 10 FSR	Z7.416.1656.0	10
Size 16	BAS AD DA 16 FSR	Z7.416.1756.0	10
Size 24	BAS AD DA 24 FSR	Z7.416.1856.0	10
for double locking lever, with gasket			
Size 10	BAS AD DB 10	Z7.427.8153.0	10
Size 16	BAS AD DB 16	Z7.427.8253.0	10
Size 24	BAS AD DB 24	Z7.427.8353.0	10
with tether cord			
Size 10	BAS AD DB 10 FS	Z7.429.0153.0	10
Size 16	BAS AD DB 16 FS	Z7.429.0253.0	10
Size 24	BAS AD DB 24 FS	Z7.429.0353.0	10
with tether cord + loop			
Size 10	BAS AD DB 10 FSR	Z7.429.0553.0	10
Size 16	BAS AD DB 16 FSR	Z7.429.0653.0	10
Size 24	BAS AD DB 24 FSR	Z7.429.0753.0	10

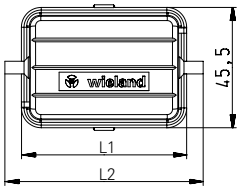
Technical data	
Material/Gasket	Polyamide/NBR
Color	silver gray, RAL 7001
Degree of protection	IP65
Flammability	UL94-V0

Dimensions

Single locking lever without clamp

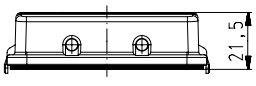
Size	L1 [mm]	L2 [mm]
6	62.5	75
10	75.5	90
16	96	110.5
24	122.5	137

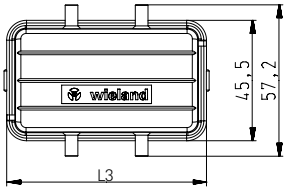




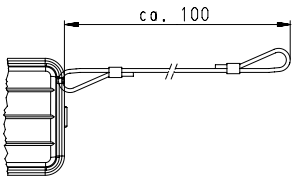
Double locking lever without clamp

Size	L3 [mm]
10	75.5
16	96
24	122.5

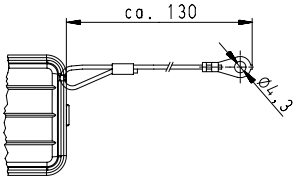




tether cord



tether cord + loop

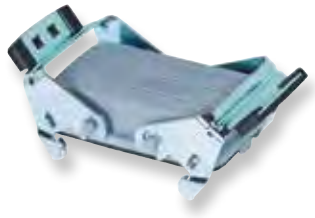


Protective covers with locking levers for *revos* BASIC Housings

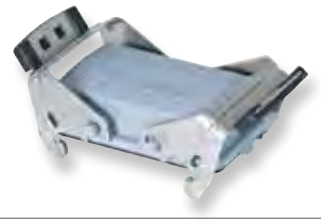
Protective covers with locking levers

Double locking lever
Size 10
Plastic locking levers, with gasket

Double locking lever
Size 10
steel locking levers, with gasket



Double locking lever
Size 10
stainless steel locking levers, with gasket



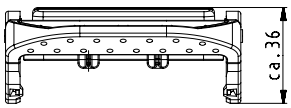
Description	Type	Part No.	P.U.
***revos* protective cover**			
for single locking lever, with gasket			
plastic locking levers			
Size 6	BAS AD DH 06 PA	Z7.428.1153.0	10
Size 10	BAS AD DH 10 PA	Z7.428.5553.0	10
Size 16	BAS AD DH 16 PA	Z7.428.5653.0	10
Size 24	BAS AD DH 24 PA	Z7.428.5753.0	10
steel locking levers			
Size 6	BAS AD DH 06 ST	Z7.428.1110.0	10
stainless steel locking levers			
Size 6	BAS AD DG 06 VA	Z7.428.1119.0	10
for double locking lever, with gasket			
plastic locking levers			
Size 10	BAS AD DD 10 PA	Z7.428.1253.0	10
Size 16	BAS AD DD 16 PA	Z7.428.1353.0	10
Size 24	BAS AD DD 24 PA	Z7.428.1453.0	10
steel locking levers			
Size 10	BAS AD DD 10 ST	Z7.428.1210.0	10
Size 16	BAS AD DD 16 ST	Z7.428.1310.0	10
Size 24	BAS AD DD 24 ST	Z7.428.1410.0	10
stainless steel locking levers			
Size 10	BAS AD DD 10 VA	Z7.428.1219.0	10
Size 16	BAS AD DD 16 VA	Z7.428.1319.0	10
Size 24	BAS AD DD 24 VA	Z7.428.1419.0	10
for double locking lever, without gasket			
plastic locking levers			
Size 10	BAS AD DC 10 PA	Z7.428.1653.0	10
Size 16	BAS AD DC 16 PA	Z7.428.1753.0	10
Size 24	BAS AD DC 24 PA	Z7.428.1853.0	10

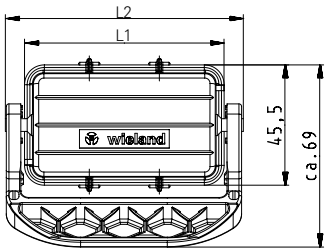
Technical data	
Material/Gasket	Polyamide/NBR
Color	silver gray, RAL 7001
Degree of protection	IP65
Flammability	UL94-V0

Dimensions

Single locking lever with clamp, plastic

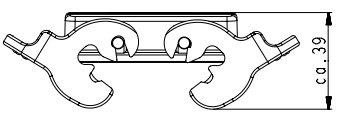
Size	L1 [mm]	L2 [mm]
6	62.5	75
10	75.5	90
16	96	110.5
24	122.5	137

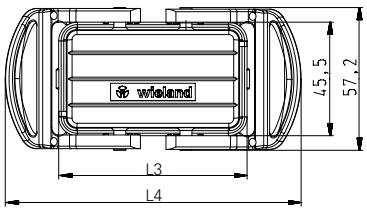




Double locking lever with clamp, plastic

Size	L3 [mm]	L4 [mm]
10	75.5	119
16	96	140
24	122.5	166





Protective cover for *revos* BASIC Housings Size 32

Protective covers without locking levers, without gasket

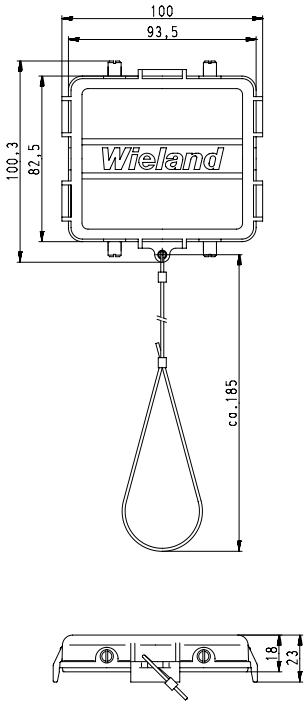
Protective covers with locking levers, with gasket

Description	Type	Part No.	P.U.
revos **protective cover with tether cord + loop**			
without locking levers, without gasket			
Size 32	BAS AD DA 32 FS ST	Z7.419.6228.0	10
with locking levers, with gasket			
Size 32	BAS AD DD 32 FS ST	Z7.419.6128.0	10

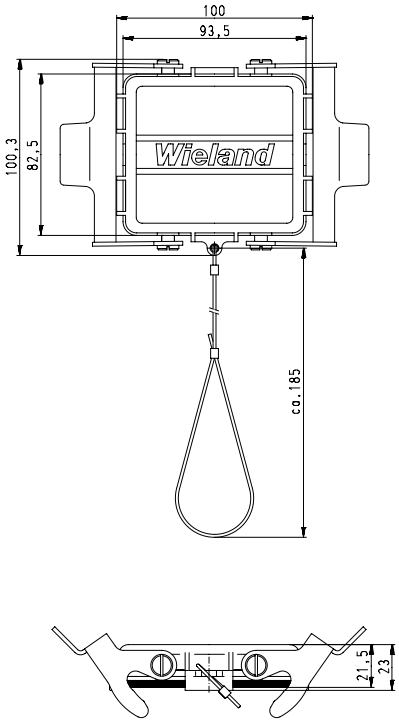
Technical data	
Material	Die cast aluminum
Surface	Silicon-free
Locking levers	Zinc-plated steel
Gasket	NBR
Degree of protection	IP65

Dimensions

Protective covers without locking levers



Protective cover with locking levers



Protective cover for *revos* BASIC Housings Size 6–24

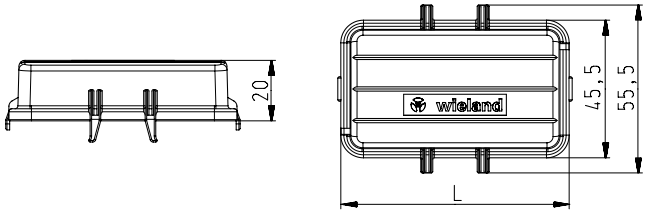
Protective cover latchable

Description	Type	Part No.	P.U.
Protective cover rastbar			
Size 6/6H	BAS AD DK 06	Z7.409.7056.0	10
Size 10/10H	BAS AD DL 10	Z7.409.7156.0	10
Size 16/16H	BAS AD DL 16	Z7.409.7256.0	10
Size 24/24H	BAS AD DL 24	Z7.409.7356.0	10

Technical data	
Material	Polyamide
Color	RAL 7001
Degree of protection	-
Flammability	-

Dimensions

Protective cover latchable



Protective cover for *revos* MINI Housings

Protective cover without gasket

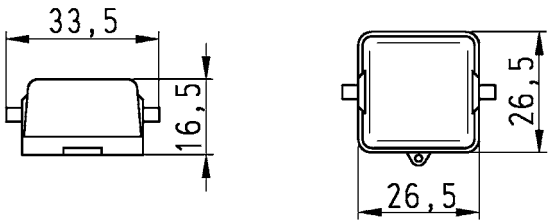
Protective cover with gasket (on the inside)

Description	Type	Part No.	P.U.
Protective cover for *revos* MINI Housings			
without gasket for male insert			
plastic	MIN AD DA 7 P	07.417.6753.0	10
Metal	MIN AD DA 7 Z	07.417.6729.0	10
with gasket for female insert			
plastic	MIN AD DB 7 P	07.417.6853.0	10
Metal	MIN AD DB 7 Z	07.417.6829.0	10

Technical data	
Material	Die cast zinc alloy/Polyamide
Surface	Silicon-free
Locking levers	-
Gasket	NBR
Degree of protection	IP65

Dimensions

Protective cover



Tools and Accessoires

Crimping tool kit

Description	Type	Part No.	P.U.
Crimping tool for *revos* contacts			
Crimping tool without crimping die and positioner		95.101.0800.0	1
Accessoires for crimping tool see page 304.			

For assignment of contacts to crimping tool see page 305.

Stripping tool

Description	Type	Part No.	P.U.
Tool			
Stripping tool	0.08 – 10mm² / 28 – 7 AWG	95.350.0100.0	1

Hand crimping tool

Description	Type	Part No.	P.U.
Crimping tool for contacts Ø 1 mm see page 96.			
Hand crimping tool without contact positioner		95.101.2100.0	1
Hand crimping tool with contact positioner		95.101.2200.0	1

Screwdriver

Description	Type	Part No.	P.U.
Tool			
Screwdriver	Blade 0.6x3.5 form “B“	06.502.4000.0	5

For use with contact inserts and multipole adapters with spring clamp connection

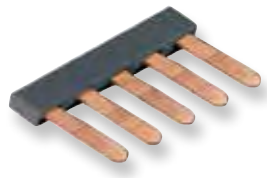
Axial screwdriver

Description	Type	Part No.	P.U.
Tool			
Axial screwdriver	POW AXIALSHR ISK SW2	05.502.4500.0	5

Extraction tool

Description	Type	Part No.	P.U.
Tool			
Extraction tool	HD	05.502.0000.0	1
Extraction tool	500/690V-SER.	05.502.3500.0	1
Extraction tool		05.502.4400.0	1

Jumper bar for *revos* BASIC multipole adapters



Description	Type	Part No.	P.U.
Insulated jumper bar for *revos* BASIC multipole adapters			
Number of poles			
2-pole		Z7.256.0227.0	10
3-pole		Z7.256.0327.0	10
6-pole		Z7.256.0627.0	10
8-pole		Z7.256.0827.0	10
12-pole		Z7.256.1227.0	10

Technical data	
Material	Polyamide
Rated voltage	500 V
Rated current	16 A

Marking tag carriers

Marking tag carriers for multipole adapters

Description	Type	Part No.	P.U.
Marking tag carriers, complete			
40-pole		Z4.242.3753.0	10
64-pole		Z4.242.4053.0	10
Marking tags			
Single tag, max. 3-digits			
unmarked marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
Single tag, max. 8-digits			
unmarked marking field 14x4.5 mm	9705 AL	04.242.1553.0	500
Marking strip with 12 tags, 6.7 mm spacing			
unmarked marking field 8.3x6.45 mm	9705A/6,7/12	04.242.6753.0	25
marked 1 – 9	9705A/6,7/12 B 1- 9	99.000.0920.8	25

45° Marking tag carrier

Description	Type	Part No.	P.U.
Marking tag carriers			
2x4-digits, 45°	9705 A/4 W	04.242.2853.0	200
Marking tags			
Single tag, max. 3-digits			
unmarked marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
Single tag, max. 8-digits			
unmarked marking field 14x4.5 mm	9705 AL	04.242.1553.0	500
Marking strip with 12 tags, 6.7 mm spacing			
unmarked marking field 8.3x6.45 mm	9705A/6,7/12	04.242.6753.0	25
marked 1 – 9	9705A/6,7/12 B 1- 9	99.000.0920.8	25
Marking strip with 12 tags, 6.7 mm spacing			
24-pole marked 1 – 24	9705A/6,7/2X12 B 1-24	99.005.0920.8	25

Marking tags

Tear-off marking strip

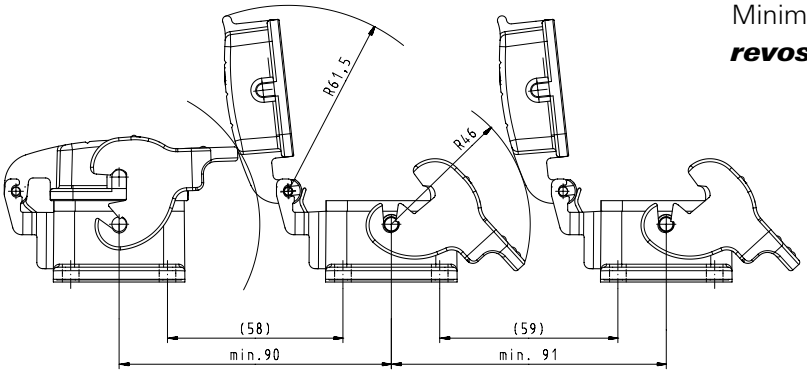
Description	Contents	Type	Part No.	P.U.
Marking tags-Ast				
unmarked		9704 A	04.241.1150.0	25
marked with the same number				
	10x “1“	9704 A/1 B	04.841.1150.0	25
	10x “2“	9704 A/2 B	04.841.1250.0	25
	10x “3“	9704 A/3 B	04.841.1350.0	25
	10x “4“	9704 A/4 B	04.841.1450.0	25
	10x “5“	9704 A/5 B	04.841.1550.0	25
	10x “6“	9704 A/6 B	04.841.1650.0	25
	10x “7“	9704 A/7 B	04.841.1750.0	25
	10x “8“	9704 A/8 B	04.841.1850.0	25
	10x “9“	9704 A/9 B	04.841.1950.0	25
	10x “0“	9704 A/0 B	04.841.2050.0	25
marked with consecutive numbers	1 2 3 4 5 6 7 8 9 0	9704 A/1-0 B	04.841.2150.0	25
marked with the same uppercase letters				
	10x “A“	9704 A/AG B	04.841.2250.0	25
	10x “B“	9704 A/BG B	04.841.2350.0	25
	10x “C“	9704 A/CG B	04.841.2450.0	25
	10x “D“	9704 A/DG B	04.841.2550.0	25
	10x “E“	9704 A/EG B	04.841.2650.0	25
	10x “F“	9704 A/FG B	04.841.2750.0	25
	10x “G“	9704 A/GG B	04.841.2850.0	25
	10x “H“	9704 A/HG B	04.841.2950.0	25
	10x “I“	9704 A/IG B	04.841.3050.0	25
	10x “J“	9704 A/JG B	04.841.3150.0	25
	10x “K“	9704 A/KG B	04.841.3250.0	25
	10x “L“	9704 A/LG B	04.841.3350.0	25
	10x “M“	9704 A/MG B	04.841.3450.0	25
	10x “N“	9704 A/NG B	04.841.3550.0	25
	10x “O“	9704 A/OG B	04.841.3650.0	25
	10x “P“	9704 A/PG B	04.841.3750.0	25
	10x “Q“	9704 A/QG B	04.841.3850.0	25
	10x “R“	9704 A/RG B	04.841.3950.0	25
	10x “S“	9704 A/SG B	04.841.4050.0	25
	10x “T“	9704 A/TG B	04.841.4150.0	25
	10x “U“	9704 A/UG B	04.841.4250.0	25
	10x “V“	9704 A/VG B	04.841.4350.0	25
	10x “W“	9704 A/WG B	04.841.4450.0	25
	10x “X“	9704 A/XG B	04.841.4550.0	25
	10x “Y“	9704 A/YG B	04.841.4650.0	25
	10x “Z“	9704 A/ZG B	04.841.4750.0	25

Marking tags

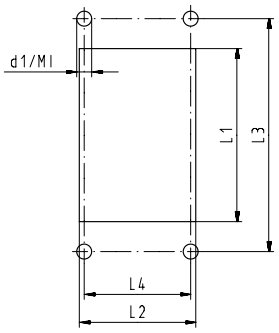
Tear-off marking strip

Description	Contents	Type	Part No.	P.U.
marked with the same lowercase letters				
	10x “a“	9704 A/AK B	04.841.4850.0	25
	10x “b“	9704 A/BK B	04.841.4950.0	25
	10x “c“	9704 A/CK B	04.841.5050.0	25
	10x “d“	9704 A/DK B	04.841.5150.0	25
	10x “e“	9704 A/EK B	04.841.5250.0	25
	10x “f“	9704 A/FK B	04.841.5350.0	25
	10x “g“	9704 A/GK B	04.841.5450.0	25
	10x “h“	9704 A/HK B	04.841.5550.0	25
	10x “i“	9704 A/IK B	04.841.5650.0	25
	10x “j“	9704 A/JK B	04.841.5750.0	25
	10x “k“	9704 A/KK B	04.841.5850.0	25
	10x “l“	9704 A/LK B	04.841.5950.0	25
	10x “m“	9704 A/MK B	04.841.6050.0	25
	10x “n“	9704 A/NK B	04.841.6150.0	25
	10x “o“	9704 A/OK B	04.841.6250.0	25
	10x “P“	9704 A/PK B	04.841.6350.0	25
	10x “q“	9704 A/QK B	04.841.6450.0	25
	10x “r“	9704 A/RK B	04.841.6550.0	25
	10x “s“	9704 A/SK B	04.841.6650.0	25
	10x “t“	9704 A/TK B	04.841.6750.0	25
	10x “u“	9704 A/UK B	04.841.6850.0	25
	10x “v“	9704 A/VK B	04.841.6950.0	25
	10x “w“	9704 A/WK B	04.841.7050.0	25
	10x “x“	9704 A/XK B	04.841.7150.0	25
	10x “y“	9704 A/YK B	04.841.7250.0	25
	10x “z“	9704 A/ZK B	04.841.7350.0	25
marked with the same symbols				
	10x “+“	9704 A/+ B	04.841.7450.0	25
	10x “-“	9704 A/- B	04.841.7550.0	25
	10x “/“	9704 A// B	04.841.7650.0	25
	10x “.“	9704 A/. B	04.841.7750.0	25
Large packs				
Same numbers = 10 x 25 strips = 2500 tags	1 1 1 ... 0 0 0	111..BIS 000..	04.841.9050.0	1
Uppercase letters = 26 x 25 strips = 6500 tags	A A A ... Z Z Z	A BIS Z GB	04.841.9150.0	1

revos BASIC single locking lever
Installation spacing and mounting dimensions

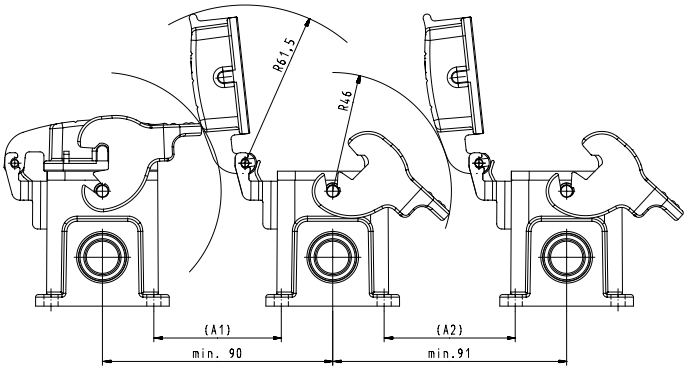


Minimum installation spacing for ***revos*** BASIC open-bottom bases



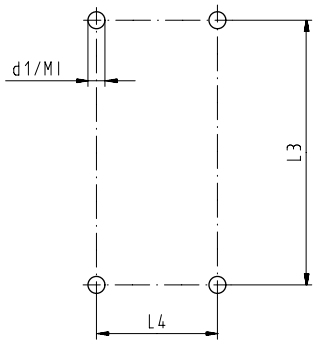
Mounting diagram for ***revos*** BASIC open-bottom bases of size 6 to 48

Size		6	10	16	24	48
Cut-out	L1	52	65	85.5	112	117
	L2	35	35	35	35	81
Installation spacing	L3	70	83	103	130	148
	L4	32	32	32	32	70
	d1	4.3	4.3	4.3	4.3	6.4
	M	M4	M4	M4	M4	M6



Minimum installation spacing for ***revos*** BASIC closed-bottom bases of size 6 to 24

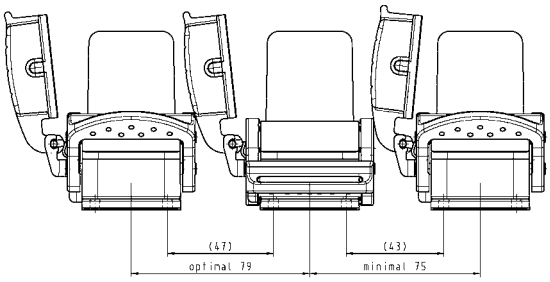
Size		6	10	16	24
Installation spacing	A1	50	50	45	45
	A2	51	51	46	46



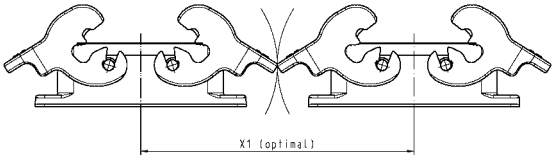
Mounting diagram for ***revos*** BASIC closed-bottom bases of size 6 to 48

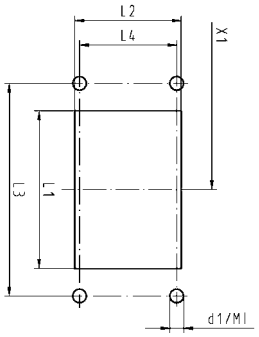
Size		6	6H	10	10H	16	24	48
Installation spacing	L3	70	70	82	82	105	132	111
	L4	40	45	40	45	45	45	106
	d1	5.3	5.5	5.3	5.5	5.3	5.3	6.5
	M	M5	M5	M5	M5	M5	M5	M6

revos BASIC double locking lever
Installation spacing and mounting dimensions



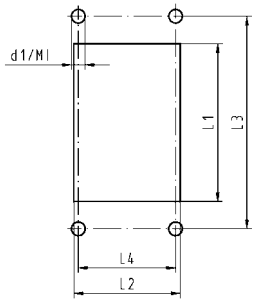
Minimum installation spacing for **revos** BASIC open-bottom bases of size 10 to 24





Mounting diagram for **revos** BASIC open-bottom bases of size 10 to 32

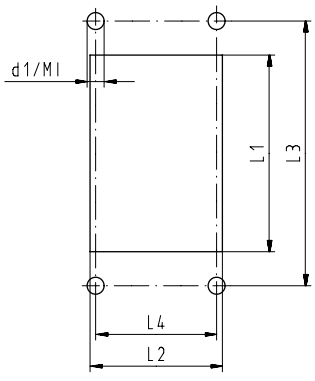
Size		10	16	24	32
Cut-out	L1	65	85.5	112	86
	L2	35	35	35	71
Installation spacing	L3	83	103	130	110
	L4	32	32	32	65
Minimum Montageabstand	X1	121	139	166	
	d1	4.3	4.3	4.3	5.5
	M1	M4	M4	M4	M5



Mounting diagram for **revos** BASIC open-bottom bases of size 10 to 24

Size		10	10H	16	24
Installation spacing	L3	82	82	105	132
	L4	40	45	45	45
	d1	5.5	5.5	5.5	5.5
	M1	M5	M5	M5	M5

EMC housings, cut-out and mounting dimensions

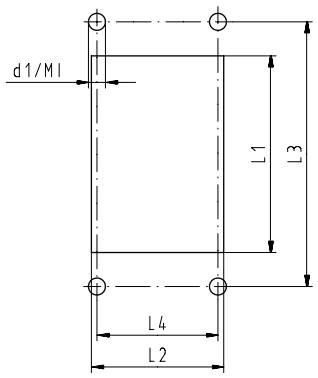


Mounting diagram for **revos** EMC open-bottom bases of size 6 to 24

Size		6	10	16	24
Cut-out	L1	52	65	85.5	112
	L2	35	35	35	35
Installation spacing	L3	70	83	103	130
	L4	32	32	32	32
	d1	4.3	4.3	4.3	4.3
	M1	M4	M4	M4	M4

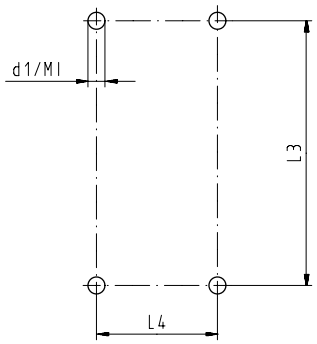
revos HD

Housing line, cut-outs and mounting dimensions



Mounting diagram for ***revos*** HD open-bottom bases of size 10/15, 16/25 and 32/50

Size		10/15	16/25	32/50
Cut-out	L1	56	72	82
	L2	23	23	49
Installation spacing	L3	70	86	92
	L4	17.5	17.5	42
	d1	3.3	3.3	4.3
	M1	M3	M3	M4

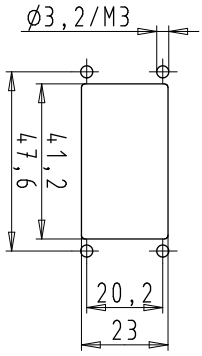


Mounting diagram for ***revos*** HD closed-bottom bases of size 10/15, 16/25 and 32/50

Size		10/15	16/25	32/50
Installation spacing	L3	48	64	94
	L4	40	40	46
	d1	4.3	4.3	4.3
	M1	M4	M4	M4

revos FLEX COMPACT 1M

Cut-out dimensions

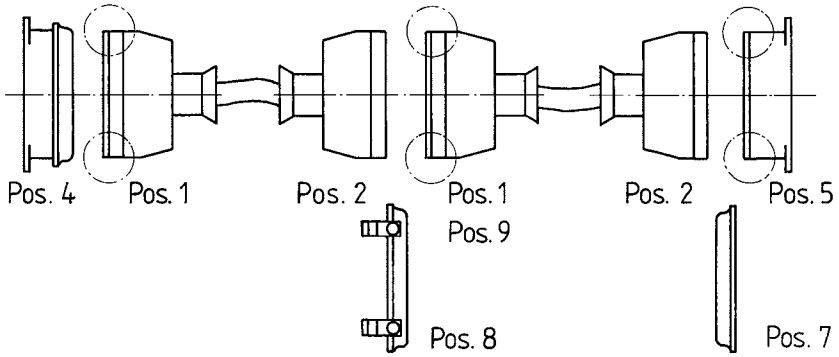


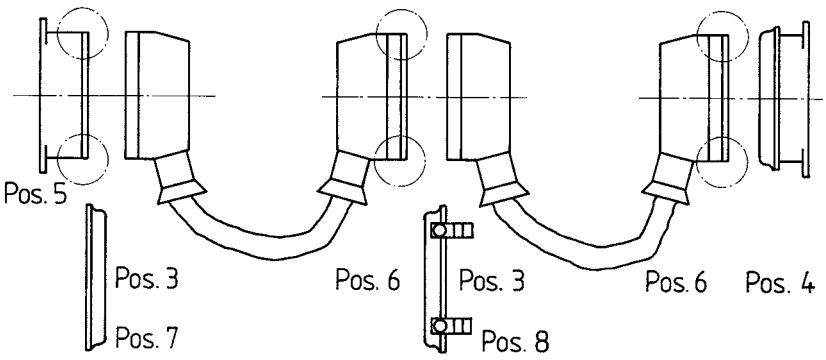
Cut-out for ***revos*** FLEX COMPACT 1M

Installation example for *revos*
Multipole hoods for cable-to-cable couplings

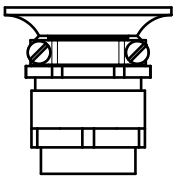
Size	Thread	Hood Pos. 1	Hood Pos. 2	Hood Pos. 3	Bottom-base Pos. 4	Bottom-base Pos. 5	Hood Pos. 6
6	M20	99.741.3329.7	70.352.0636.4 *	70.350.0636.4 *	99.700.3329.7	70.320.0628.9	99.731.3329.7
	M25	99.742.3329.7	70.354.0636.4 *	70.353.0636.4 *	–	–	99.732.3329.7
10	M20	99.743.3329.7	70.352.1036.4 *	70.350.1036.4 *	99.706.3329.7	70.320.1028.9	99.733.3329.7
	M25	99.744.3329.7	70.354.1036.4 *	70.353.1036.4 *	–	–	99.734.3329.7
16	M25	99.745.3329.7	70.352.1636.4 *	70.350.1636.4 *	99.702.3329.7	70.320.1628.9	99.735.3329.7
	M32	99.746.3329.7	70.354.1636.4 *	70.353.1636.4 *	–	–	99.736.3329.7
24	M25	99.747.3329.7	70.352.2436.4 *	70.350.2436.4 *	99.704.3329.7	70.320.2428.9	99.737.3329.7
	M32	99.748.3329.7	70.354.2436.4 *	70.353.2436.4	–	–	99.738.3329.7
48	M32	70.372.4836.4	70.375.4836.4 *	70.350.4828.4 *	–	70.320.4828.9	–
	M40	70.374.4836.4	70.376.4836.4	70.353.4828.4	–	–	–

Handling instructions for the connectors are available in section on page 298.





.3



* These hoods are also available in the version 70.3xx.xxxx.3 with a trumpet gland

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