



Data cable feedthrough  
with degree of protection  
IP 65

**Straight through with no delay**



## Industrial multipole connectors / Data cable feedthrough



The data cable feedthroughs are snapped onto the 10pole, 16pole or 24pole housing (without contact insert) and locked.

These housings provide enough space to easily pass cable assemblies through the control cabinet wall.



### Description

Preassembled cables and wires can be inserted into control cabinets using the **revos IT** data cable feedthrough. They protect the cables with strain relief and sealing gaskets (degree of protection IP65).

Depending on the size, each data cable feedthrough has two, three or four feedthrough opening for cables of different diameters. Unused feedthroughs are sealed using rubber seals (available as an accessory). Unused knock-outs in control cabinet partitions are sealed with plastic covers (available as an accessory).



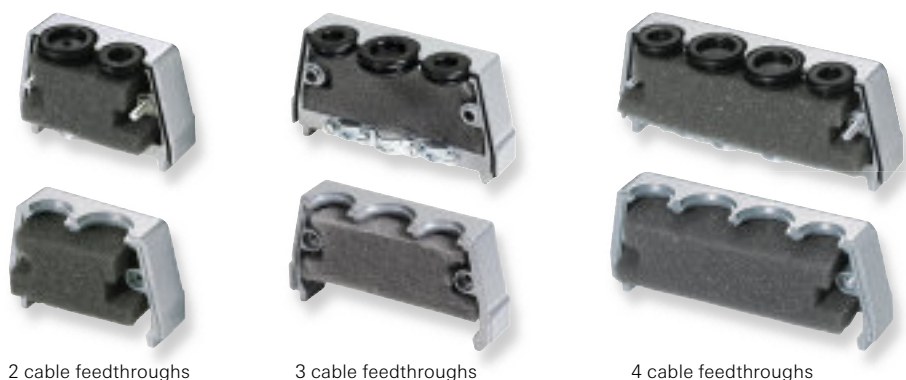
### System advantages

- ❑ To insert preassembled cables into the control cabinet
- ❑ Match open housings with double locking levers
- ❑ Standard cut-out dimensions
- ❑ Degree of protection IP 65
- ❑ Feedthrough for up to 4 cables (4.5 – 15 mm)

### Your benefits:

- ❑ No on-site connector assembly necessary
- ❑ Supplier warranties for preassembled cables are maintained
- ❑ Easy handling
- ❑ No special tools required

# Industrial multipole connectors / Data cable feedthrough



For assembly, the two halves of the data cable feedthrough are opened. The ring-shaped gasket is cut and positioned around the cable. The cable and gasket are inserted into the appropriate opening, and the two halves are securely closed with screws.

## Technical information

### Hood and base:

Die cast aluminum alloy with silicon-free finish in silver gray

Temperature range: -40°C to +100°C

Clamping screws: Galvanically zinc-plated steel

Locking levers: Bracket - polyamide according to UL 94 V0

Locking device - stainless steel V2A

(laterally on the brackets)

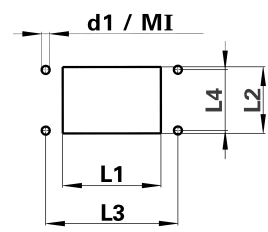
Gaskets: Neoprene (oil-resistant and anti-aging)

The open lower sections are also available with metal locking devices on request.

### Cover plates/reducer plates:

Polyamide, colour RAL 7032, degree of protection IP65, flammability UL94-V0

Meet the degree of protection IP 65 accord. to EN 60529: 1991 DIN VDE 0470 part 1/11.92 (IEC 529: 1989, 2nd version)



Mounting dimensions and cut-outs for open-bottom housings

Housing size	Cut-out-dimension		Mounting dimensions		d1	MI
	L1	L2	L3	L4		
10	65	35	83	32	4.3	M 4
16	85.5	35	103	32	4.3	M 4
24	112	35	130	32	4.3	M 4



10



16



24

### Housing Size

Description	Type	Part no.	Std.pck.	Type	Part no.	Std.pck.	Type	Part no.	Std.pck.
Data cable feedthrough <b>revos</b> IT	IT DKE 10	70.060.1028.0	10	IT DKE 16	70.060.1628.0	10	IT DKE 24	70.060.2428.0	5
cable diameters	2 feedthroughs 1 x 4.5 ... 10 mm / 1 x 9 ... 15 mm			3 feedthroughs 2 x 4.5 ... 10 mm / 1 x 9 ... 15 mm			4 feedthroughs 2 x 4.5 ... 10 mm / 2 x 9 ... 15 mm		



10



16



24

### Housing Size

Description	Type	Part no.	Std.pck.	Type	Part no.	Std.pck.	Type	Part no.	Std.pck.
Base, open, <b>revos</b> BASIC 500 V, double locking lever	BAS GUT GA 10 50A	70.320.1028.0	1	BAS GUT GA 16 50A	70.320.1628.0	1	BAS GUT GA 24 50A	70.320.2428.0	1
<b>Accessoires</b>	Type	Part no.	Std.pck.	Type	Part no.	Std.pck.	Type	Part no.	Std.pck.
Rubber gasket; connection range 2-10 mm		05.562.3183.0	20		05.562.3183.0	20		05.562.3183.0	20
9-15 mm		05.562.3283.0	10		05.562.3283.0	10		05.562.3283.0	10
Cover plate		07.416.6953.0	10		07.416.7053.0	10		07.416.7153.0	10
Reducer plate	GB 24/GB 10	07.416.6453.0	10	GB 24/GB 16	07.416.6553.0	10			



# wieland

Headquarters:

Wieland Electric GmbH  
Brennerstraße 10 – 14  
D-96052 Bamberg

Sales and Marketing Center:

Wieland Electric GmbH  
Benzstraße 9  
D-96052 Bamberg

Phone +49-951-9324-0

Fax +49-951-9324-198

www.wieland-electric.com

info@wieland-electric.com

## Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
  - Screw, spring clamp or IDC connection technology
  - Wire cross sections up to 240 mm<sup>2</sup>
  - Numerous special functions
  - Software solutions interfacing to CAE systems
- Safety
  - Safety sensors
  - Safety relays
  - Modular safety systems with fieldbus link
- PLC and fieldbus components
  - Standard applications in IP20
  - Increased environmental conditions with railroad and ship approvals
- Interface
  - Coupling relays, semiconductor switches
  - Measuring and monitoring relays
  - Timer and switching relays
  - Analog modules
  - Passive interfaces
  - Power supply units
  - Overvoltage protection

Solutions for field applications

- Remote automation technology
  - Power distribution
  - Fieldbus interfaces and motor starters
- Connectors for industrial applications
  - Square and round connectors
  - Aluminum or plastic housings
  - Degree of protection up to IP68
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
  - Modular, application specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

## Building and installation technology

- Building installation systems
  - Main power supply connectors IP20/IP65... IP68
  - Bus connectors
  - Combined connectors
  - Low-voltage connectors
  - Power distribution system with flat cables
  - Distribution systems
  - Bus systems in KNX, LON and radio technology
  - DIN rail terminal blocks for electrical installations
  - Overvoltage protection

contacts  
are  
green.

## Product Range