MURR ELEKTRONIK

stay connected

Adaptor M12 female / RJ45 0°

4-pol., shielded, CAT5

Art.No.: 7000-44671-0000000
Weight: 0.041 kg
Country of origin: CZ
Model designation: M12-RJ45-Ethernet-Adapter ger.4pol

Ethernet CAT5
Control cabinet entry system
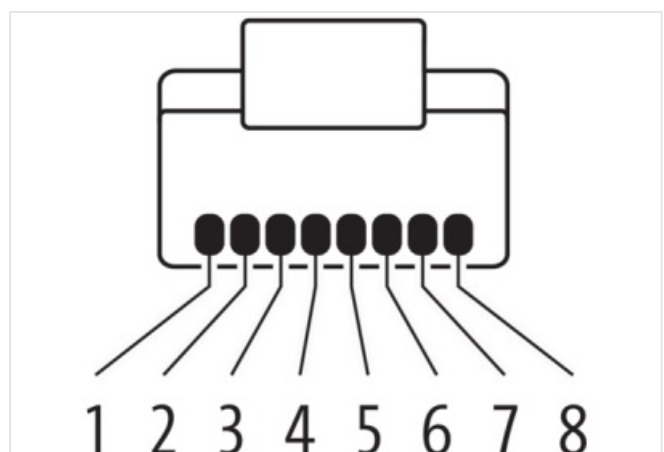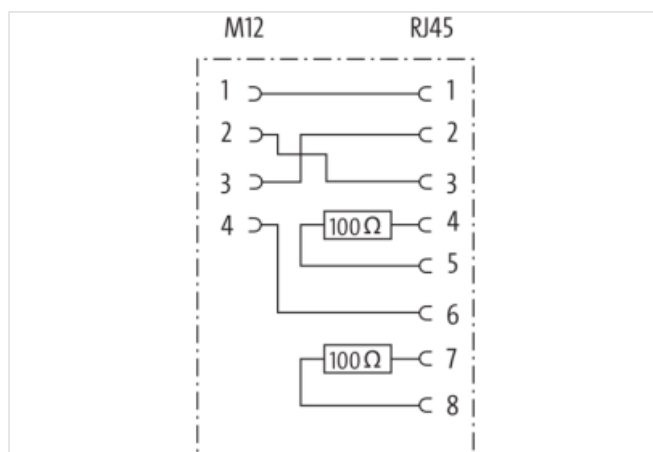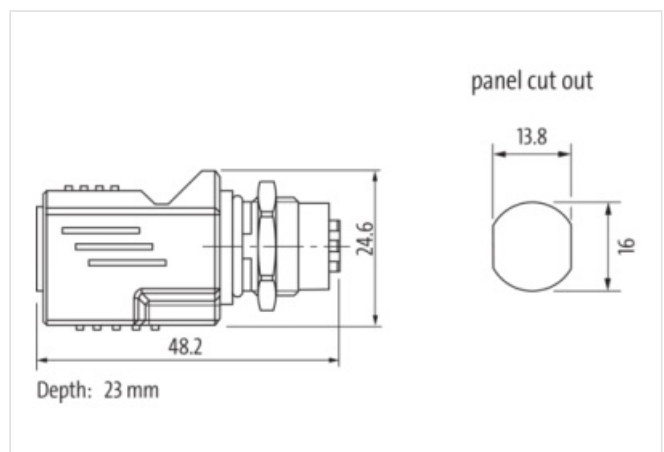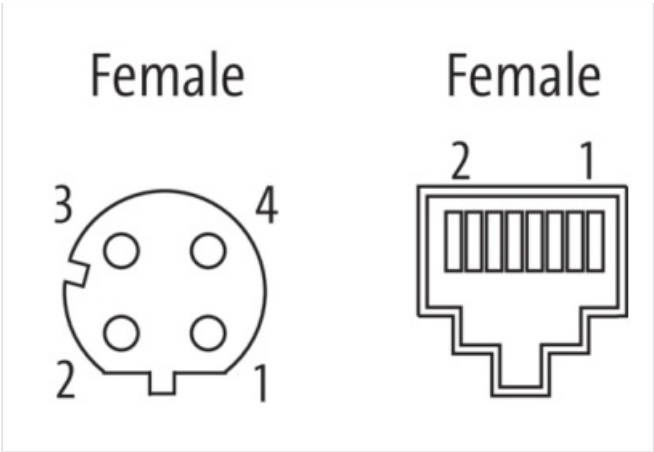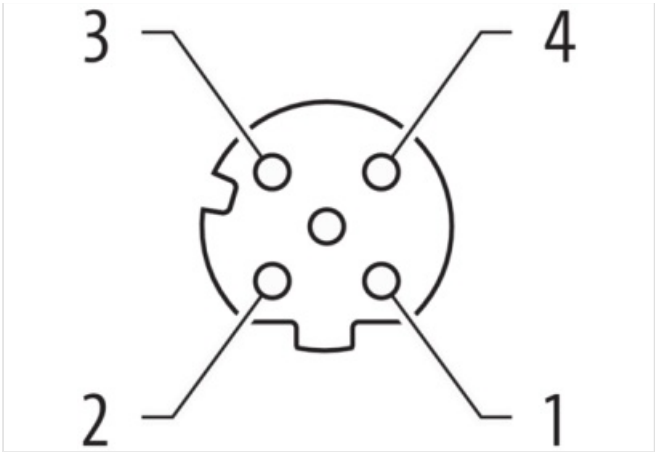Female straight – female straight
M12 – RJ45, 4-pole
D-coded
Shielded
suitable for sheet thickness 2.0...5.0 mm
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration

panel cut out
13.8
24.6
48.2
16
Depth: 23 mm

M12   RJ45
1 — 1
2 — 2
3 — 3
4 — [100 Ω] 4
5
6
[100 Ω] 7
8

1 2 3 4 5 6 7 8

Product may differ from Image

Header	
Material short text	M12-RJ45-Ethernet-Adapter ger.4pol

Side 1	
Family construction form	M12
Coding	D
Degree of protection (EN IEC 60529)	IP68

Side 2	
Family construction form	RJ45
Degree of protection (EN IEC 60529)	IP20

Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-44671-0000000
GTIN	4048879566896
ECLASS-6.0	27143423
ECLASS-6.1	27279221
ECLASS-7.0	27440104
ECLASS-7.1	27440104
ECLASS-8.0	27440104
ECLASS-8.1	27440104
ECLASS-9.0	27440106
ECLASS-9.1	27440106
ECLASS-10.0.1	27440106
ECLASS-10.1	27440106
ECLASS-11.0	27440106
ECLASS-11.1	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106
ECLASS-14.0	27440106
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85366990

EAN	4048879566896
Packaging unit	1

Electrical data | Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,76 A

Industrial Communication	
Data transmission rate max.	100 Mbit/s
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)

Industrial communication | Ethernet functionality	
duplex	Full duplex

Mechanical data | Material data	
Material housing	PUR
Locking material	Brass
Coating locking	chrome-plated

Mechanical data | Mounting data	
Suitable for installation wall thickness min.	2 mm
Suitable for installation wall thickness max.	5 mm

Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C

Important installation notes	
Note on bending radius	**Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.