

M12 male 0° / M12 male 0° D-cod. shielded

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 6m

USA

Ethernet CAT5

The resistance to aggressive media should be individually tested for your application. Further details on request.

Male straight – male straight

M12 – M12, 4-pole

D-coded

shielded

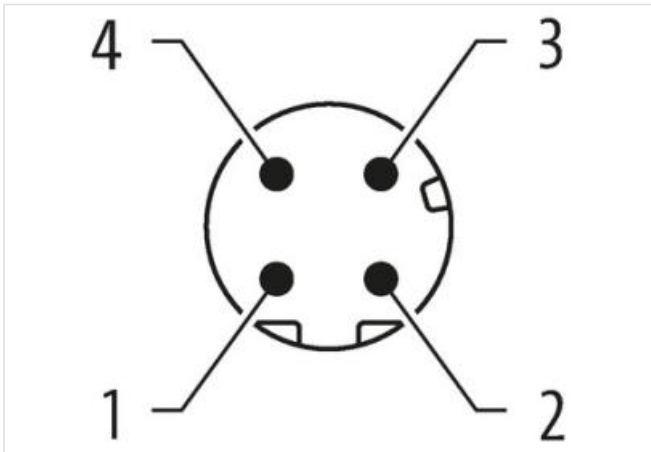
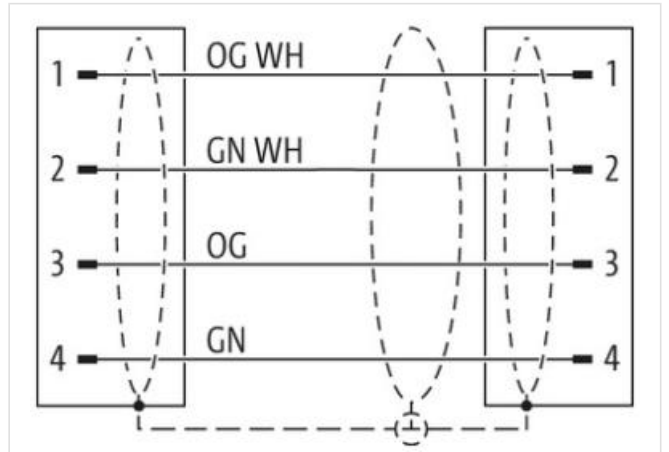
without cable sleeves

Further cable lengths on request.

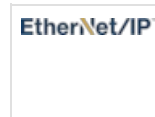
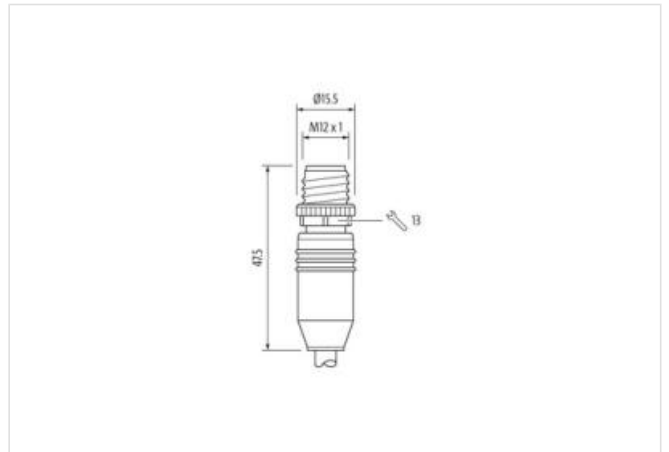
Plastic housings with good resistance against chemicals and oils.

Ürün Linki

örnekleme



Ürün Image farklı olabilir



Cable length 6 m

Side 1

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
No. of poles	4
Width across flats	SW13

Side 2

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
No. of poles	4
Width across flats	SW13

Ticari bilgiler

ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
GTIN	4048879605878
Gümrük tarife no (gtip)	85444290
Paket miktarı	1

Electrical data | Supply

Operating voltage DC max.	60 V
Current operating per contact (UL)	1,5 A
Current operating per contact max.	1,5 A

Industrial communication

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

Industrial communication | Ethernet functionality

duplex	Full duplex
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Diagnostics

Status indication LED	no
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Installation | Connection

Gender	male
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose without

Mechanical data | Material data

Coating locking Nickeled

Material housing PUR

Locking material Zinc die-casting

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

Environmental characteristics | Climatic

Operating temperature min. -25 °C

Operating temperature max. 85 °C

Additional condition temperature range depending on cable quality

Important installation notes

Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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.

Conformity

Product standard DIN EN 61076-2-101 (M12)

Installation | Cable

wire arrangement (orange-white, orange), (green-white, green)

Cable identification S4U

Jacket Color teal

Type of Certificate cURus

Amount stranding 2

Stranding 2 wires twisted

Stranding (type 2) 2 Stranded joints twisted

Cable shielding (type) Metal fleece

Cable shielding (coverage) 75 %

Banding Fleece

wire arrangement (orange-white, orange), (green-white, green)

Cable weight 55,66 g/m

Material jacket TPE

Freedom from ingredients (jacket) lead-free, CFC-free

Outer-diameter (jacket) 6,6 mm

Tolerance outer diameter (sheath) $\pm 5 \%$

Material wire insulation HDPE

Amount wires 4

Outer diameter insulation 1,25 mm

Outer diameter tolerance core insulation $\pm 5 \%$

Shore hardness wire insulation 65 ± 3 Shore D

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Amount strands (wire) 7

Diameter of single wires 22 AWG

Conductor crosssection (wire) 24 AWG

Material conductor wire copper stranded wire, tinned

Nominal voltage AC max. 300 V

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 4,8 A

Electrical resistance line constant wire 59 Ω/km @ 20 °C

AC withstand voltage (wire - wire) 3 kV @ 60 s

Electrical capacity line constant (wire - wire) 49000 pF/km

Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter