

M12 fem. recept. D-cod. rear/RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA 8m

Ethernet CAT5

Plastic housings with good resistance against chemicals and oils.

Flange female straight - male straight

M12 - RJ45, 4-pole

D-coded

Halogen-free-Material

shielded

8-pole partly used

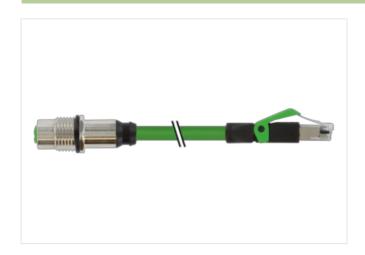
Rear mounting

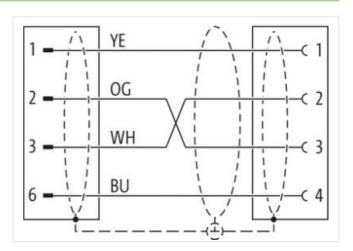
Transmission properties with channel transmission up to 100 m

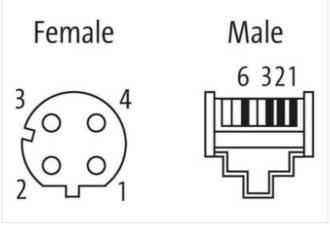
Further cable lengths on request.

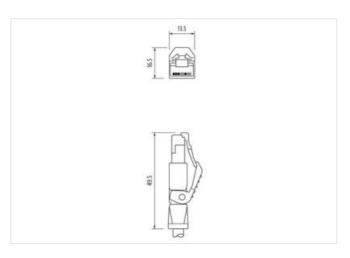
Link to Product

Illustration









Product may differ from Image











Cable length 8 m Side 1 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding D Material PUR Degree of protection (EN IEC 60529) IP67 Side 2 Coating head nickel plated Family construction form RJ45 Material Brass Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 FCLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879625517 Packaging unit Electrical data | Supply Operating voltage DC max. 60 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A Industrial communication CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters Data transmission rate max. 100 MBit/s Industrial communication | Ethernet functionality Full duplex duplex Installation | Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection | Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) Mechanical data | Material data Coating locking nickel plated Locking material Brass

Mechanical data | Mounting data

Mounting method

inserted, screwed



stay connected

Environmental characteristics Climatic		
perating temperature min.	-25 °C	
perating temperature max.	85 °C	
dditional condition temperature range	depending on cable quality	
Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
lote on bending radius	endangered by excessive bending forces.	
Conformity		
roduct standard	DIN EN 61076-2-101 (M12)	
Approvals		
JL 50E	yes	
	,,,,	
Installation Cable		
Cable identification	794	
acket Color	green	
ype of Certificate	cURus	
mount stranding	1	
stranding	4 wires around Filler twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	85 %	
anding	Fleece, Foil	
iller	yes	
vire arrangement	white, yellow, blue, orange	
able weigth	75,87 g/m	
flaterial jacket	PUR	
hore hardness jacket	89 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
outer-diameter (jacket)	6,7 mm	
olerance outer diameter (sheath)	± 5 %	
laterial inner jacket	FRNC	
Color (inner jacket)	white	
flaterial wire insulation	PE	
mount wires	4	
Outer diameter insulation	1,55 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	65 Shore D	
ngredient freeness wire insulation	lead-free, CFC-free, halogen-free	
mount strands (wire)	7	
iameter of single wires	22 AWG	
conductor crosssection (wire)	22 AWG	
laterial conductor wire	Stranded copper wire, bare	
ominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
urrent load capacity min. wire	4,8 A	
haracteristic impedance	100 Ω ± 15 %	
lectrical resistance line constant wire	55 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	2 kV @ 60 s	
Electrical capacity line constant (wire - wire)	52000 pF/km	
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s	
C withstand voltage (wire - shield)	2 kV @ 60 s	



Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter