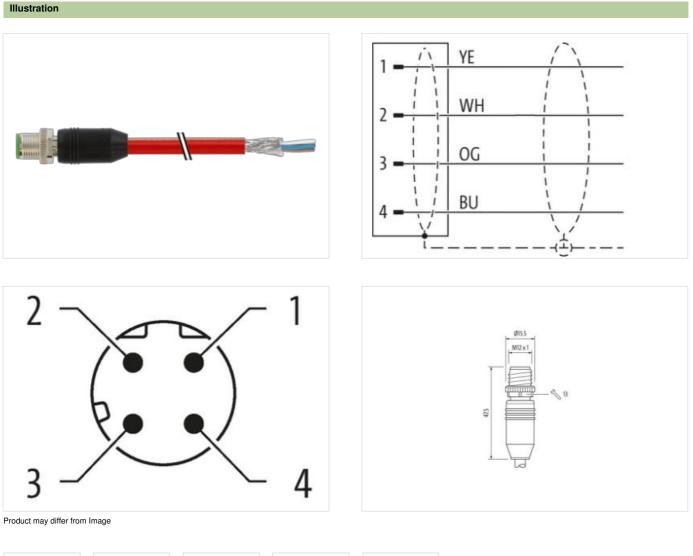


M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded rd UL/CSA+drag ch. 10m

Ethernet CAT5 Transmission properties with channel transmission up to 100 m Male straight M12, 4-pole D-coded shielded Further cable lengths on request. 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





Cable length

10 m

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Side 1

0,6 Nm
inserted, screwed
M12
M12 x 1
D
PUR
SW13
IP65, IP66K, IP67
27061801
27060307
27060307
27060307
27060307
27060307
27060307
27060307
EC002599
85444290
4048879406529
1
60 V
1,5 A
CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
100 MBit/s
ionality
Full duplex
M12 x 1
inserted, screwed
3
1,5 kV
I
without
without
Nickeled
Nickeled
Nickeled nickel plated
Nickeled nickel plated Zinc die-casting
Nickeled nickel plated Zinc die-casting Zinc die-casting
Nickeled nickel plated Zinc die-casting
Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C
Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection

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Important installation notes Note 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 Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 792 Jacket Color red Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange 69,3 g/m Cable weigth Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ±5% Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG 22 AWG Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.8 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 50000 pF/km Power frequency withstand voltage (wire -2 kV @ 60 s jacket) AC withstand voltage (wire - shield) 2 kV @ 60 s Loop resistance 5000 MΩ × km Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C -30 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) 70 °C UL 1581 § 1090 | UL 1581 § 1100 FT2 | IEC 60332-2-2 Flame resistance chemical resistance Good, application-related testing

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Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
Travel speed (C-track)	3 Mio.
No. of torsion cycles	1 Mio.
Torsion stress	± 180 °/m

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