

M12 female recept. D-cod. shielded rear

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 7.5m

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5

Flange female

M12, 4-pole

D-coded

shielded

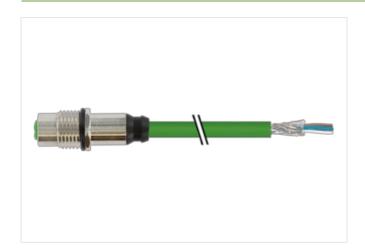
Rear mounting

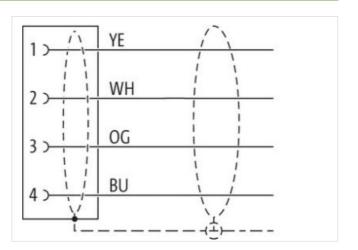
Further cable lengths on request.

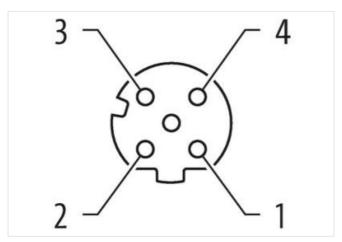
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image









Cable length

7,5 m



stay connected

ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879751285 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CATS. Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBI/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M16 x 1.5 Poetice protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Material grow (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Material screw connection Brass	Side 1		
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		depending on cable quality	



stay connected

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.
Approvals	
JL 50E	yes
Installation Cable	
Cable identification	796
Jacket Color	green
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
Cable weigth	69,3 g/m
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
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 Mio. @ 25 °C
Travel speed (C-track)	3,3 m/s @ 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 - acket)	2 kV @ 60 s
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
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2



chemical resistance	Good, application-related testing
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
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m