

## M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 1.4m

Product fulfills requirements according to UN/ECE R118

**Ethernet CAT5** 

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

Further cable lengths on request.

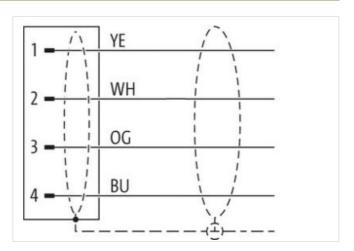
Plastic housings with good resistance against chemicals and oils.

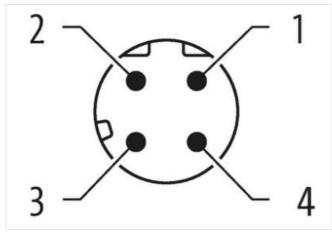
The resistance to aggressive media should be individually tested for your application. Further details on request.

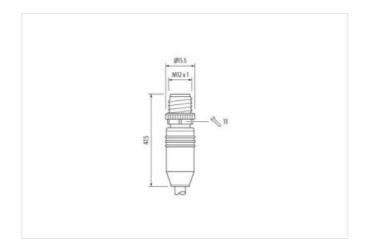
## **Link to Product**

## Illustration









Product may differ from Image













stay connected

Cable length	1,4 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
Coding	D	
Material	PUR	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Commercial data		
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	
customs tariff number	85444290	
GTIN	4065909006269	
Packaging unit	1	
Electrical data   Supply		
Operating voltage DC max.	60 V	
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 fund	tionality	
duplex	Full duplex	
Installation   Connection		
Mounting set	M12 x 1	
Device protection   Electrical		
	Southed control	
Additional condition protection degree  Pollution Degree	inserted, screwed 3	
Rated surge voltage	1,5 kV	
Material group (IEC 60664-1)	1,5 %	
Mechanical data		
Contour for corrugated hose	without	
Mechanical data   Material data		
Coating locking	Nickeled	
Coating of fitting	nickel plated	
Locking material	Zinc die-casting	
Material screw connection	Zinc die-casting	
Mechanical data   Mounting data		
Mounting method	inserted, screwed, Shaking protection	
Environmental characteristics   Climatic		
Operating temperature min.	-25 °C	
- · ·		



## stay connected

epending on cable quality  rotect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Ittention: Observe the permissible bending radii when laying cables, as the IP protection class can be ndangered by excessive bending forces.  PIN EN 61076-2-101 (M12)  96  reen  URus  wires around Core filler twisted opper braid, tinned 5 %  leece, Foil es  white, yellow, blue, orange
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9,3 g/m
UR
9 Shore A
ead-free, cadmium-free, CFC-free, halogen-free, silicone-free
,7 mm
5 %
RNC
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E
,4 mm
5 %
5 Shore D
ead-free, CFC-free, halogen-free
2 AWG
2 AWG
tranded copper wire, bare
m @ 25 °C
Mio. @ 25 °C
,3 m/s @ 25 °C
00 V
DIN VDE 0298-4
A 8,
00 Ω ± 15 % @ 100 MHz
5 Ω/km @ 20 °C
kV @ 60 s
0000 pF/km
kV @ 60 s
kV @ 60 s
000 MΩ × km
2 2 ttl r N ,5 0 5 k 0



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