

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 85m

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

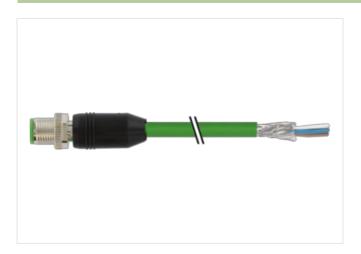
Further cable lengths on request.

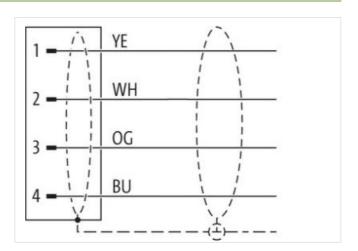
Plastic housings with good resistance against chemicals and oils.

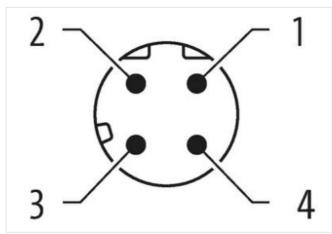
The resistance to aggressive media should be individually tested for your application. Further details on request.

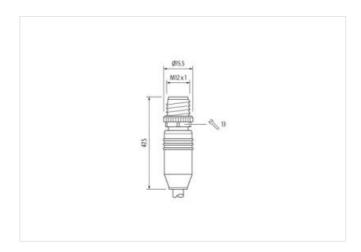
Link to Product

Illustration









Product may differ from Image











Cable length

85 m



stay connected

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Operating temperature max. 85 °C	•	
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dditional condition temperature range depending on cable quality		
	Additional condition temperature range	depending on cable quality

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



stay connected

lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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	
roduct standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	794
acket Color	
Type of Certificate	cURus
mount stranding	1
tranding	4 wires around Filler twisted
Cable shielding (type) Cable shielding (coverage)	copper braid, tinned 85 %
anding iller	Fleece, Foil
	white, yellow, blue, orange
rire arrangement	
Cable weigth	75,87 g/m PUR
faterial jacket	
hore hardness jacket reedom from ingredients (jacket)	89 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,7 mm
olerance outer diameter (sheath)	±5%
Material inner jacket	FRNC
color (inner jacket)	white
laterial wire insulation	PE .
mount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	±5%
hore hardness wire insulation	65 Shore D
ngredient freeness wire insulation	lead-free, CFC-free, halogen-free
mount strands (wire)	7
liameter of single wires	22 AWG
conductor crosssection (wire)	22 AWG
laterial conductor wire	Stranded copper wire, bare
lominal 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 %
lectrical resistance line constant wire	55 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
lectrical capacity line constant (wire - wire)	52000 pF/km
ower frequency withstand voltage (wire - cket)	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s
fin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-30 °C
perating temperature max. (dynamic)	70 °C
lame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
oil resistance	Good, application-related testing DIN EN 60811-404
ending radius (fixed)	6 x Outer diameter



Bending radius (dynamic)

12 x Outer diameter