

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 5m

Ethernet CAT5 Male 90° M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

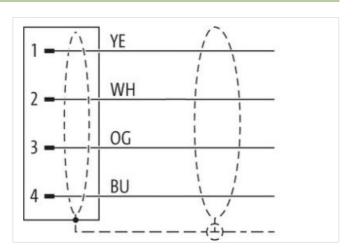
Plastic housings with good resistance against chemicals and oils.

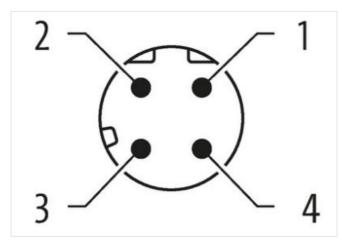
The resistance to aggressive media should be individually tested for your application. Further details on request.

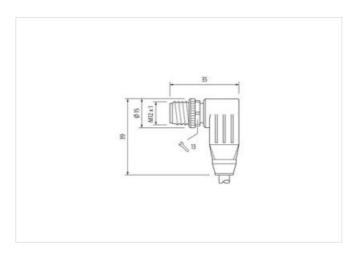
Link to Product

Illustration









Product may differ from Image











Cable length

5 m



stay connected

Mountain method Inserted, serveed	Side 1	
Part	Tightening torque	0,6 Nm
Parameter	Mounting method	inserted, screwed
Decision	Family construction form	M12
Might across files	Thread	M12 x 1
Width across flats SW13 Degree of protection (EN IEC 60529) IPSE, IP66K, IP67 Sife 2 Stripping lampt (jacket) 20 mm Commercial data ECLASS-6.1 27069907 ECLASS-6.1 27069907 ECLASS-7.0 27069907 ECLASS-9.0 27069907 ECLASS-9.1 27069907 ECLASS-1.1 27069907 ECLASS-1.1 27069907 ECLASS-1.2.1 27069907 ECLASS-1.2.2 27069007 ECLASS-1.2.3 27069007 ECLASS-1.2.4 27069007 ECLASS-1.2.1 4804879327961 Packaging unit 1 Electrical data Supply 1 Departury organization per contact max. 1,5 A Industrial communication 60 V Durrent operating per contact max. 1,5 M Industrial communication Ethernet functionality duplex Full duplex Industrial communication Ethernet functionality duplex in per contact max. 10 MB/fs Indus	Coding	
Degree of protection (EN IEC 60525)	Material	
Side 2 Commercial data ECLASS-8.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060309 ECLASS-12.0 28044290 ETITA 36 Industrial Communication 1.5 Intertistion Communication 1.5 Int		
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Mounting method inserted, screwed, Shaking protection	Mechanical data Mounting data	
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Environmental characteristics Climatic		
	Environmental characteristics Climation	

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stay connected

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	794
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around 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	75,87 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
• ,	± 5 %
Tolerance outer diameter (sheath)	FRNC
Material inner jacket	
Color (inner jacket)	white
Material wire insulation	PE .
Amount wires	4
Outer diameter insulation	1,55 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
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 %
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)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
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	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing

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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