

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+torsion 30m

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

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

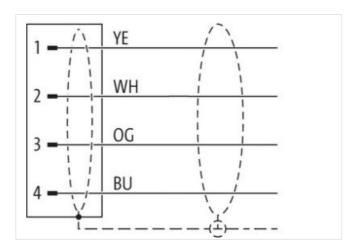
Plastic housings with good resistance against chemicals and oils.

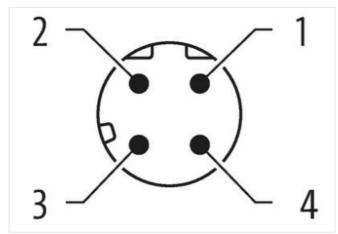
The resistance to aggressive media should be individually tested for your application. Further details on request.

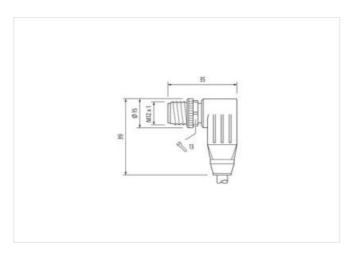
Link to Product

Illustration









Product may differ from Image











Cable length

30 m



stay connected

	Side 1	
Missing Miss	Tightening torque	0,6 Nm
Process M12 x 1 Pure P	Mounting method	inserted, screwed
December	Family construction form	M12
Adaminal PUR Width across fistas SW13 Site 2 Stripping Ingrift (dacket) 20 mm COMMENCIAL SECTION (EN IEC 60529) Site 2 Stripping Ingrift (dacket) 20 mm COMMENCIAL SECTION (EN IEC 60529) SITE 2 STRIPPING INGRIFT (COMMENCIAL SECTION (EN IEC 60529) STRIPPING INGRIFT (COMMENCIAL SECTION (EN IEC 60529) CCLASS 6.0 27068307 CCLASS 6.1 27068307 CCLASS 7.0 1 27069307 CCLASS 7.	Thread	M12 x 1
Width across flats	Coding	
Page of protection (EN IEC 60529)	Material	
Side 2 Commercial data CLASS-R-0 27061801 CLASS-6-1 27060307 CLASS-70 27060307 CLASS-9.0 27060307 CLASS-9.0 27060307 CLASS-11.1 27060307 CLASS-11.1 27060307 CLASS-12.0 27060307 CLASS-12.0 27060307 CLASS-10.1 10002599		
Stripping length (lacked) 20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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Mounting method inserted, screwed, Shaking protection	Mechanical data Mounting data	
		inserted screwed Shaking protection
Environmental characteristics Climatic		
	Environmental characteristics Climation	



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	
·	700
Cable identification	793
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	69,3 g/m
Material jacket	PUR
Shore hardness jacket	90 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PE .
Amount wires	4
Outer diameter insulation	1,6 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	65 Shore D
ngredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	copper stranded wire, tinned
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 % MHz
Electrical resistance line constant wire	59,4 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 - acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of torsion cycles	4 Mio.
Torsion stress	± 180 °/m