

M12 male 90° D-cod. with cable shielded

PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 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.

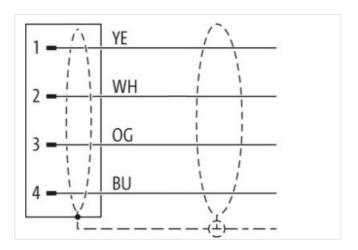
Plastic housings with good resistance against chemicals and oils.

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

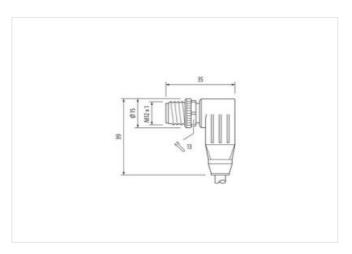
Link to Product

Illustration









Product may differ from Image











Cable length

30 m



stay connected

Tightening bacque 0.8 Mm Maunting method insented, screwed Family construction form M12 Thread M12 x 1 Coding D Material PUR Worth across files SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Sifting of protection (EN IEC 60529) Strong of protection (EN IEC 60529) Commercial data Commercial data ECILASS-6.0 20 F085007 ECILASS-7.0 20 F085007 ECILASS-7.0 20 F085007 ECILASS-9.0 20 F085007 ECILASS-11.1 20 F085007 ECILASS-12.0	Side 1			
Family construction form M12 x 1 Cooling M12 x 1 Cooling D Material PUR With across filiss SW13 Degree of protection (EN IEC 00528) IP65, IP66K, IP67 Side 2 Side 2 Side 3 Sile 3 Sile 3 Sile 5 Side 3 Sile 5 Side 5 Side 5 Side 5 Side 6 Sile 6 Sile 6 Sile 7 Side 7 Side 8 Sile 9 Side 8 Sile 9 Sile 9 Side 9 Sile 9 Side 9 Side 9 Side 9 Sile	Tightening torque	0,6 Nm		
Thread	Mounting method	inserted, screwed		
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Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		Zinc die-casting		
Mounting method inserted, screwed, Shaking protection	Material screw connection	Zinc die-casting		
Mounting method inserted, screwed, Shaking protection	Mechanical data Mounting data			
		inserted, screwed, Shaking protection		
Environmental characteristics Climatic	Environmental characteristics Climatic			



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	800
Jacket Color	
Type of Certificate	green
Amount stranding	1
Stranding	4 wires around Filler star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
Filler	yes
wire arrangement	yellow, blue, orange, white
Cable weigth	73,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	FRNC
Color (inner jacket)	natur
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,53 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
ngredient 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
raversing distance (C-track)	5 m @ 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 % @ 1 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
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	70 °C



Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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)	5 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C