

stay connected

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 3m

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

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

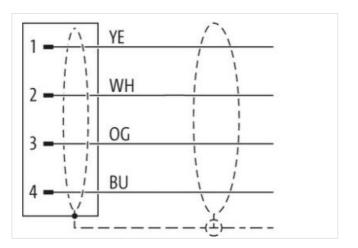
Plastic housings with good resistance against chemicals and oils.

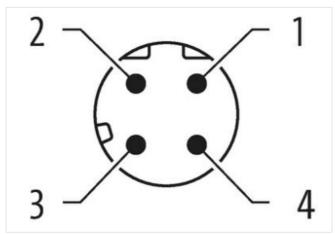
The resistance to aggressive media should be individually tested for your application. Further details on request.

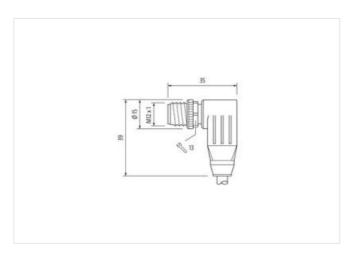
Link to Product

Illustration









Product may differ from Image











Cable length

3 m



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Wounting method inserted, screwed Family construction form M12 Times M12 × 1 Doding D Waterial PUR Width across flats SW13 Suppre of protection (EN IEC 60529) PESE, IP66K, IP67 Stripping length (jacket) 20 mm Commercial data ELASS-6.0 27061901 ELASS-6.1 27060907 ELASS-6.0 27061907 ELASS-8.0 27060907 ELASS-8.0 27060907 ELASS-9.0 27060907 ELASS-9.1 27060907 ELASS-1.1 27060907 ELASS-1.2.0 27060907 ELASS-1.3 27060907 ELASS-1.1 27060907 ELASS-1.2.1 27060907 ELASS-1.3 ECOSS99 Sustions fariff number 85442290 Sall N 40 48879327954 Packaging unit 1 Electrical datas [Supply Durrent operating port contact max. 1,5 A I	Side 1	
Part	Tightening torque	0,6 Nm
Parameter	Mounting method	inserted, screwed
Decision	Family construction form	M12
Martin across flats	Thread	M12 x 1
With across flats	Coding	
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Side 2 Commercial data Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27063037 ECLASS-7.0 27063037 ECLASS-9.0 27063037 ECLASS-9.0 27063037 ECLASS-11.1 27060307 ECLASS-12.0 27000007 ECLASS-12.0 27060307 <td></td> <td></td>		
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Mounting method inserted, screwed, Shaking protection	Mechanical data Mounting data	
		inserted screwed Shaking protection
Environmental characteristics Climatic		
	Environmental characteristics Climatic	



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Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
	5114 E14 01070 E 101 (NITE)
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 weight	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
Tolerance outer diameter (sheath)	±5%
Material inner jacket	FRNC
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
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
Nominal voltage power AC max.	300 V
Electrical capacity line constant (wire - wire) (power)	52000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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
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