

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+torsion 3.5m

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

Further cable lengths on request.

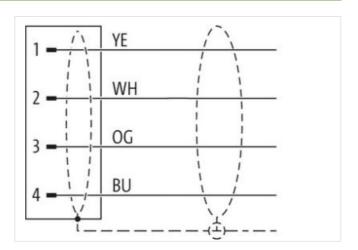
Plastic housings with good resistance against chemicals and oils.

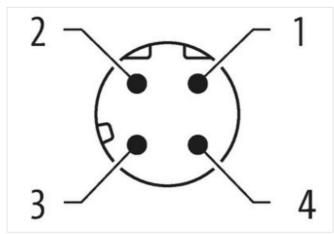
The resistance to aggressive media should be individually tested for your application. Further details on request.

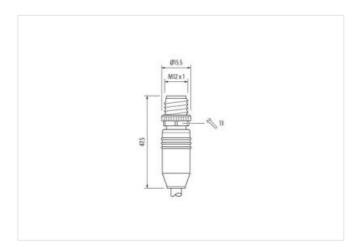
Link to Product

Illustration









Product may differ from Image











Cable length

3,5 m



stay connected

0,6 Nm inserted, screwed M12 M12 x 1
inserted, screwed M12
M12
D PUR
SW13
IP65, IP66K, IP67
27061801
27060307
27060307
27060307
27060307
27060307
27060307
27060307
85444290
4048879868600
1
60 V
1,5 A
CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
100 MBit/s
onality
Full duplex
Tull duplox
M04
M12 x 1
inserted, screwed
3
1,5 kV
without
Nickeled
nickel plated
Zinc die-casting
Zinc die-casting
inserted, screwed, Shaking protection
-25 °C
85 °C
depending on cable quality



stay connected

Product standard DIN EN 6	1076-2-101 (M12)
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r roduct standard	511 214 61676 2 161 (N12)
Installation Cable	
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
Ingredient 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
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	$100~\Omega \pm 15~\%$ MHz
Electrical resistance line constant wire	59,4 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)	-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
10.00.1 30.000	2 100 /m