

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 20m

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

Further cable lengths on request.

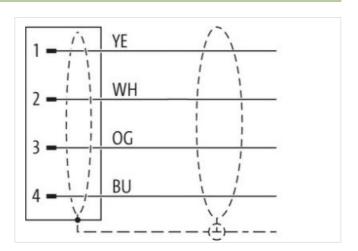
Plastic housings with good resistance against chemicals and oils.

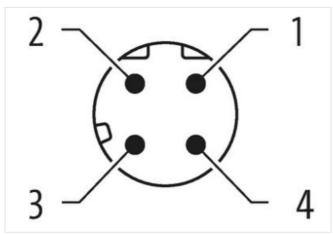
The resistance to aggressive media should be individually tested for your application. Further details on request.

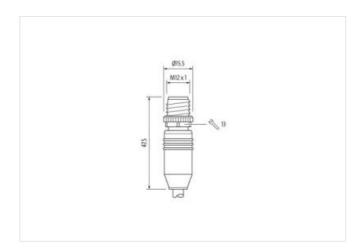
Link to Product

Illustration









Product may differ from Image











Cable length

20 m



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Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	D
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879439480
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fund	ctionality
duplex	Full duplex
Installation Connection	
Mounting set	M12 x 1
	WIZXI
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-09



stay connected

lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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	
roduct standard	DIN EN 61076-2-101 (M12)
Installation Cable	
cable identification	794
acket Color	green
ype of Certificate	cURus
mount stranding	1
stranding	4 wires around Filler twisted
cable shielding (type)	copper braid, tinned
cable shielding (coverage)	85 %
anding	Fleece, Foil
iller	yes
rire arrangement	white, yellow, blue, orange
Cable weigth	75,87 g/m
Naterial jacket	PUR
hore hardness jacket	89 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,7 mm
olerance outer diameter (sheath)	±5 %
faterial inner jacket	FRNC
Color (inner jacket)	white
faterial wire insulation	PE
mount wires	4
Outer diameter insulation	1,55 mm
Outer diameter insulation	±5 %
thore hardness wire insulation	65 Shore D
ngredient freeness wire insulation	lead-free, CFC-free, halogen-free
mount strands (wire)	7
Diameter of single wires	22 AWG
	22 AWG
conductor crosssection (wire)	Stranded copper wire, bare
Material conductor wire lominal voltage AC max.	300 V
Gurrent load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	4,8 A
Characteristic impedance	4,6 A 100 Ω ± 15 %
Electrical resistance line constant wire	100 Ω ± 15 % 55 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
lower frequency withstand voltage (wire -	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s
fin. operating temperature (static)	-40 °C
fin. operating temperature (static) Max. operating temperature (fixed)	80 °C
· · · · · · · · · · · · · · · · · · ·	-30 °C
Operating temperature min. (dynamic)	
perating temperature max. (dynamic)	70 °C
ianie resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Good, application-related testing
homical recictance	
hemical resistance	
hemical resistance lasoline resistance oil resistance	Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404



Bending radius (dynamic)

12 x Outer diameter