

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded rd UL/CSA+drag ch. 1.5m

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

Further cable lengths on request.

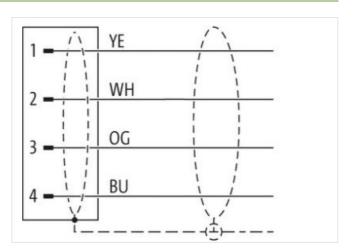
Plastic housings with good resistance against chemicals and oils.

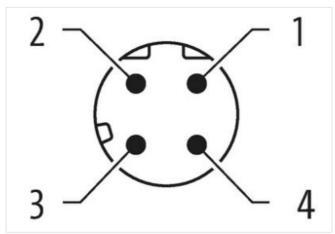
The resistance to aggressive media should be individually tested for your application. Further details on request.

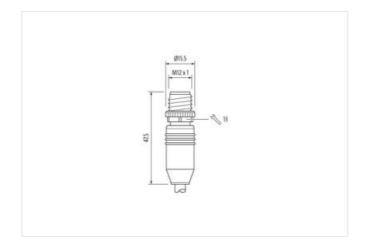
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 m



stay connected

Side 1	
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	4048879406345
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 functi	ionality
duplex	Full duplex
Installation Connection	, an appear
	THE A
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Additional condition protection degree Pollution Degree	3
Additional condition protection degree Pollution Degree Rated surge voltage	· · · · · · · · · · · · · · · · · · ·
Additional condition protection degree Pollution Degree	3
Additional condition protection degree Pollution Degree Rated surge voltage	3
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1)	3
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data	3 1,5 kV
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Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data	3 1,5 kV I without
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking	1,5 kV I without Nickeled
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting	3 1,5 kV I without Nickeled nickel plated
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material	3 1,5 kV I without Nickeled nickel plated Zinc die-casting
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection	3 1,5 kV I without Nickeled nickel plated Zinc die-casting
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method	3 1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic	1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
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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: 2024-05-02



stay connected

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	792
Jacket Color	red
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (type) 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	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)	
Material wire insulation	natur PE
Amount wires	4
Outer diameter insulation Outer diameter tolerance core insulation	1,4 mm ± 5 %
Shore hardness wire insulation	65 Shore D
	lead-free, CFC-free, halogen-free
Ingredient freeness wire insulation Amount strands (wire)	7
Diameter of single wires	•
5	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing 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 % @ 100 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
_oop resistance	5000 MΩ × km
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 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing



Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	3 Mio.
No. of torsion cycles	1 Mio.
Torsion stress	± 180 °/m