

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 8m

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

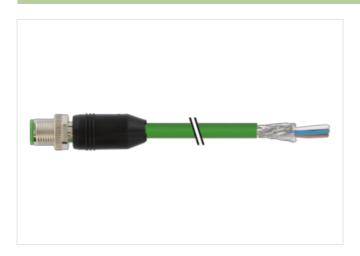
Further cable lengths on request.

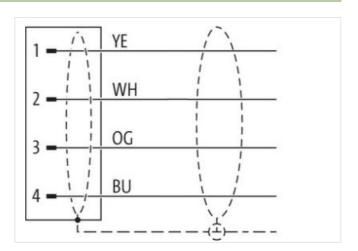
Plastic housings with good resistance against chemicals and oils.

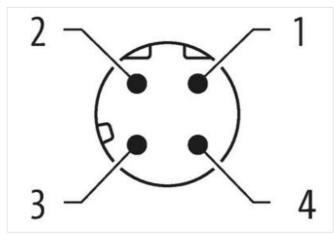
The resistance to aggressive media should be individually tested for your application. Further details on request.

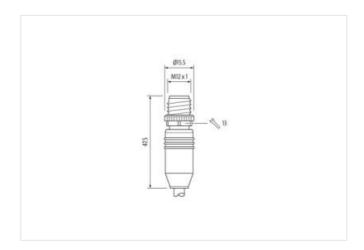
Link to Product

Illustration









Product may differ from Image











Cable length

8 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
customs tariff number	85444290
GTIN	4048879865319
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
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
	3
Rated surge voltage	1,5 kV
	1,5 kV
Material group (IEC 60664-1) Mechanical data	1,5 kV
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose	1,5 kV
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data	1,5 kV I without
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking	1,5 kV I without Nickeled
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting	1,5 kV I without Nickeled nickel plated
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material	1,5 kV I without Nickeled nickel plated Zinc die-casting
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	1,5 kV I without Nickeled nickel plated
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	1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting
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	1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
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
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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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	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 weigth	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 %
, ,	FRNC
Material inner jacket	
Color (inner jacket)	white
Material wire insulation	PE 4
Amount wires	· · · · · · · · · · · · · · · · · · ·
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
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 %
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)	52000 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)	-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
Silcinical resistance	-
Gasoline resistance	Good, application-related testing
	Good, application-related testing Good, application-related testing DIN EN 60811-404