

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded vt UL/CSA+drag ch. 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.

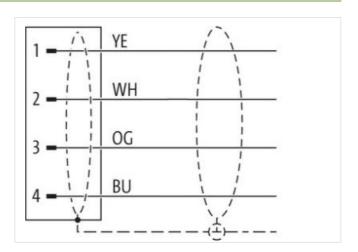
Plastic housings with good resistance against chemicals and oils.

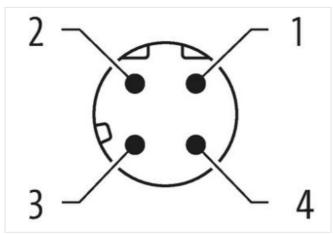
The resistance to aggressive media should be individually tested for your application. Further details on request.

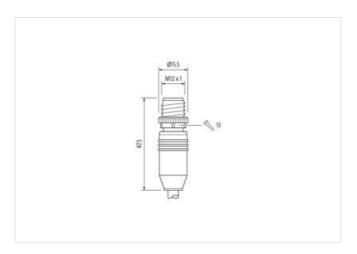
Link to Product

Illustration









Product may differ from Image











Cable length

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	4048879197373
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	
·	•
duplex	Full duplex
Installation Connection	
Mounting set	M12 x 1
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 Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Environmental characteristics Climatic Operating temperature min.	-25 °C

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: 2024-05-19



stay connected

mportant installation notes	
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
ote 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)
nstallation Cable	
able identification	798
acket Color	violet
ype of Certificate	cURus
mount stranding	1
tranding	4 wires around Core filler twisted
able shielding (type)	copper braid, tinned
able shielding (type) able shielding (coverage)	85 %
	Fleece, Foil
anding ller	yes
ire arrangement	white, yellow, blue, orange
able weigth	68,64 g/m
laterial jacket	PUR
	89 Shore A
nore hardness jacket reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	6.7 mm
uter-diameter (jacket)	±5%
plerance outer diameter (sheath)	FRNC
aterial inner jacket	
olor (inner jacket) laterial wire insulation	natur PE
	4
mount wires	
uter diameter insulation	1,4 mm
uter diameter tolerance core insulation	±5%
hore hardness wire insulation	65 Shore D
gredient freeness wire insulation	lead-free, CFC-free, halogen-free
mount strands (wire)	
iameter of single wires	22 AWG
onductor crosssection (wire)	22 AWG
aterial conductor wire	Stranded copper wire, bare
raversing distance (C-track)	5 m @ 25 °C
ominal voltage AC max.	300 V
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,8 A
naracteristic impedance	100 Ω ± 15 % @ 100 MHz
ectrical resistance line constant wire	55 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
ectrical capacity line constant (wire - wire)	50000 pF/km
ower frequency withstand voltage (wire - cket)	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s
in. operating temperature (static)	-40 °C
ax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-30 °C
perating temperature max. (dynamic)	70 °C
ame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
nemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing



Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	12 x Outer diameter	
Travel speed (C-track)	3 Mio.	
No. of torsion cycles	1 Mio.	
Torsion stress	± 180 °/m	