

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 12m

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

Further cable lengths on request.

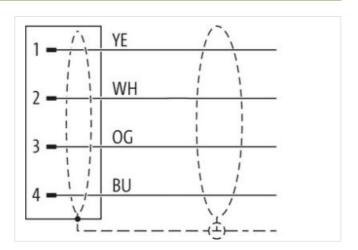
Plastic housings with good resistance against chemicals and oils.

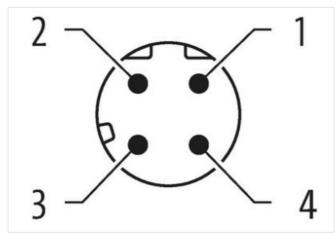
The resistance to aggressive media should be individually tested for your application. Further details on request.

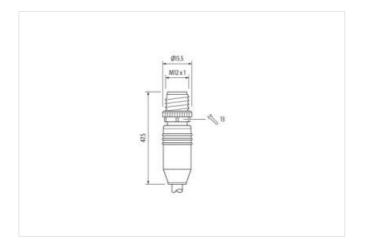
Link to Product

Illustration









Product may differ from Image











Cable length

12 m



stay connected

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	4048879856959
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
	INIE A I
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 85 °C
Operating temperature max.	
Additional condition temperature range	depending on cable quality



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	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	794
acket Color	
Type of Certificate	cURus
mount stranding	1
Stranding	4 wires around Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
sanding	Fleece, Foil
iller	yes
rire arrangement	white, yellow, blue, orange
Cable weigth	75,87 g/m
Material jacket	PUR
Shore 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
3 ,	±5 %
olerance outer diameter (sheath)	FRNC
laterial inner jacket	
color (inner jacket)	white
laterial wire insulation mount wires	PE 4
	•
uter diameter insulation	1,55 mm ± 5 %
uter diameter tolerance core insulation	65 Shore D
hore hardness wire insulation	
gredient freeness wire insulation	lead-free, CFC-free, halogen-free 7
mount strands (wire)	
iameter of single wires	22 AWG
onductor crosssection (wire)	22 AWG
laterial conductor wire	Stranded copper wire, bare
ominal voltage AC max.	300 V
current load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,8 A
haracteristic impedance	100 Ω ± 15 %
lectrical resistance line constant wire	55 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
lectrical capacity line constant (wire - wire) ower frequency withstand voltage (wire -	52000 pF/km
acket)	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s
lin. operating temperature (static)	-40 °C
ax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
lame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404



Bending radius (dynamic)

12 x Outer diameter