

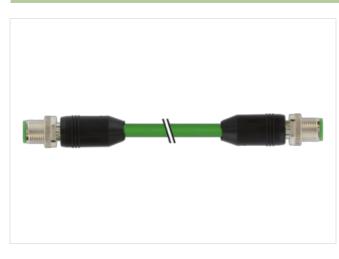
M12 male 0° / M12 male 0° D-cod. shielded

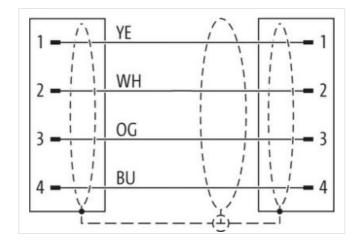
PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 18m

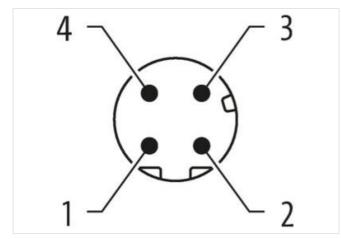
Ethernet CAT5e Transmission properties with channel transmission up to 100 m Male straight – male straight Cable is approved for 600 V M12 – M12, 4-pole D-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

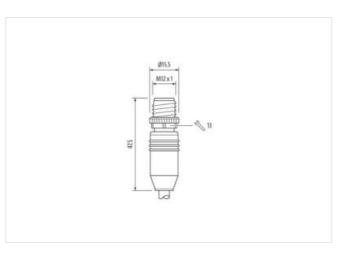
Link to Product

Illustration









Product may differ from Image











Ether CAT.

EtherNet/IP



Cable length	18 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
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	4065909008959
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fu	nctionality
nation in this Product-PDF has been compiled with	

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duplex Full duplex Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Image: Contour for corrugated hose Contour for corrugated hose without Mechanical data Material data Image: Contour for corrugated hose Coating locking Nickeled Locking material Zinc die-casting Mechanical data Mounting data Image: Contour for complexity of the standard standar	
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Product standard DIN EN 61076-2-101 (M12) Installation Cable	
Installation Cable	
wire arrangement white, yellow. blue. orange	
Cable identification 659	
Jacket Color green	
Type of Certificate cURus	
Amount stranding 1	
Stranding 4 wires around Core 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 89,1 g/m	
Material jacket PUR	
Shore hardness jacket 90 ± Shore A	
Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	
Outer-diameter (jacket) 7,4 mm	
Tolerance outer diameter (sheath)± 5 %	
Material inner jacket TPE-V	
Color (inner jacket) white	
Material wire insulation PE	
Amount wires 4	
Outer diameter insulation 1,4 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	

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: 2024-06-26

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Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	60 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)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Isolation resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	2° 08
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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)	2 Mio.
Traversing distance (C-track)	5 m
Travel speed (C-track)	3,3 m/s

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