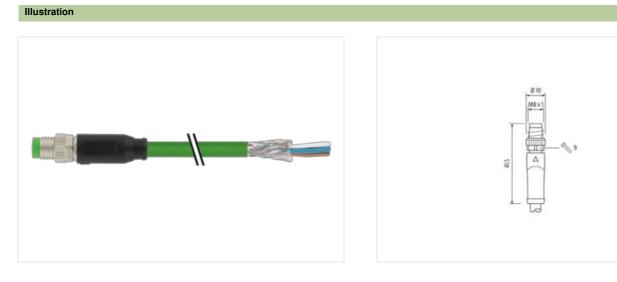


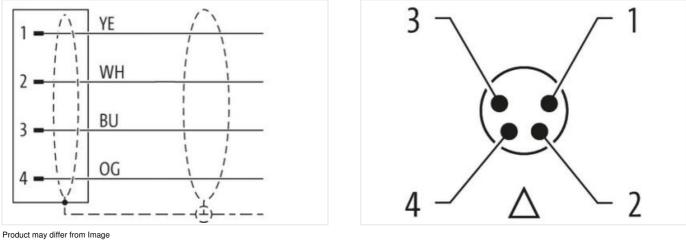
M8 male 0° A-cod. with cable shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 0.8m

Ethernet CAT5e Male straight M8, 4-pole 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







0,8 m

0,4 Nm

Cable length

Side 1

Tightening torque

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: 2024-05-11



Thead M8 × 1 suitable for corrugated tube (internal (2)) 8,5 mm Scales outet shrapht Coding A Material PUR No. of polas 4 Wind arcoss fills SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Commercial Ads Commercial Ads EVEN ECLASS 6.0 27061801 ECLASS 6.0 27061801 ECLASS 6.0 27060307 ECLASS 8.0 27060307 ECLASS 8.1.1	Mounting method	inserted, screwed
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	Mechanical data Mounting data	

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Mounting method

inserted, screwed, Shaking protection

Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
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 61076-2-104 (M8)
Installation Cable	
wire arrangement	white, orange, blue, yellow
Cable identification	791
Jacket Color	
Type of Certificate	green cURus
<i>,</i>	
Amount stranding	
Stranding	4 wires star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fiber tape, Fleece, Foil
Filler	yes
wire arrangement	white, orange, blue, yellow
Cable weigth	59,4 g/m
Material jacket	PUR
	-
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	4,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,04 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2,4 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	140 Ω/km
AC withstand voltage (wire - wire)	0,7 kV @ 60 s
Electric capacitance	51000 pF/km
Power frequency withstand voltage (wire - jacket)	0,7 kV @ 60 s
AC withstand voltage (wire - shield)	0,7 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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing

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Gasoline resistance

Good, application-related testing

Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12,5 x Outer diameter
Traversing distance (C-track)	5 m
Travel speed (C-track)	3 m/s

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