

## M8 male 0° / M8 male 0° A-cod. shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 3m

**Ethernet CAT5** Male straight - male straight M8 - M8, 4-pole shielded

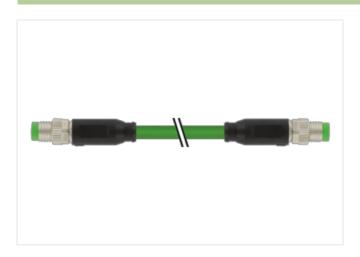
Further cable lengths on request.

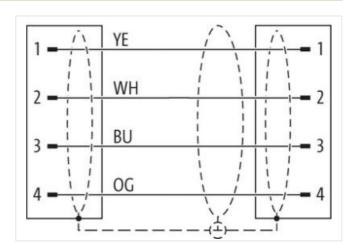
Plastic housings with good resistance against chemicals and oils.

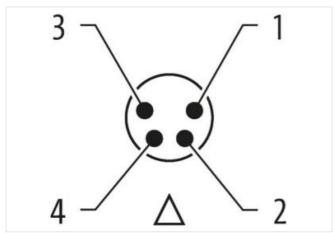
The resistance to aggressive media should be individually tested for your application. Further details on request.

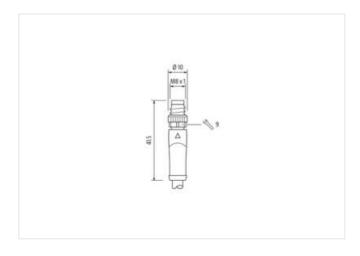
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

3 m

Side 1

Tightening torque

0,4 Nm



stay connected

gold plated M8 M8 x 1 8,5 mm Copper alloy 4 SW9
M8 x 1 8,5 mm Copper alloy 4
8,5 mm Copper alloy 4
Copper alloy 4
4
SW9
0,4 Nm
inserted, screwed
gold plated
M8
M8 x 1
Copper alloy
4
27061801
27060307
27060307
27060307
27060307
27060307
27060307
27060307
EC002599
85444290
4048879362498
1
60 V
1,5 A
With reference to CAT5, Class D (ISO/IEC 11801)
100 MBit/s
no
IP65, IP67, IP68, IP66K
inserted, screwed
3
1,5 kV
1
nickel plated
PUR
Brass
inserted, screwed, Shaking protection



stay connected

Departing temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification lacket Color Type of Certificate Amount stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement	85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  white, orange, blue, yellow 791 green cURus 1 4 wires star-shaped twisted copper braid, tinned 85 %  Fiber tape, Fleece, Foil yes
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Stranding Cable shielding (type) Cable shielding (coverage) Banding	4 wires star-shaped twisted copper braid, tinned 85 % Fiber tape, Fleece, Foil
Cable shielding (type) Cable shielding (coverage) Banding Filler	copper braid, tinned  85 %  Fiber tape, Fleece, Foil
Cable shielding (coverage)  Banding  Filler	85 % Fiber tape, Fleece, Foil
Banding Filler	Fiber tape, Fleece, Foil
Filler	· · · · · · · · · · · · · · · · · · ·
	ves
vire arrangement	•
	white, orange, blue, yellow
Cable weigth	59,4 g/m
Material jacket	PUR
reedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	4,9 mm
Folerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1.04 mm
Outer diameter tolerance core insulation	±5%
ngredient 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 - acket)	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
Gasoline resistance Dil resistance	Good, application-related testing  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	