

M8 male 0° A-cod. with cable shielded

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

Ethernet CAT5e

Male straight

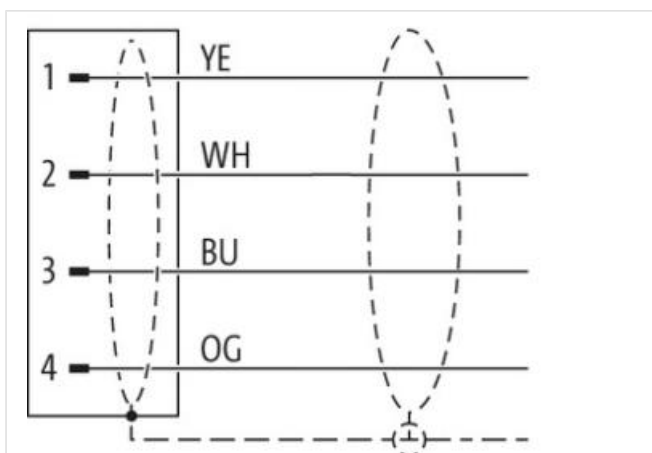
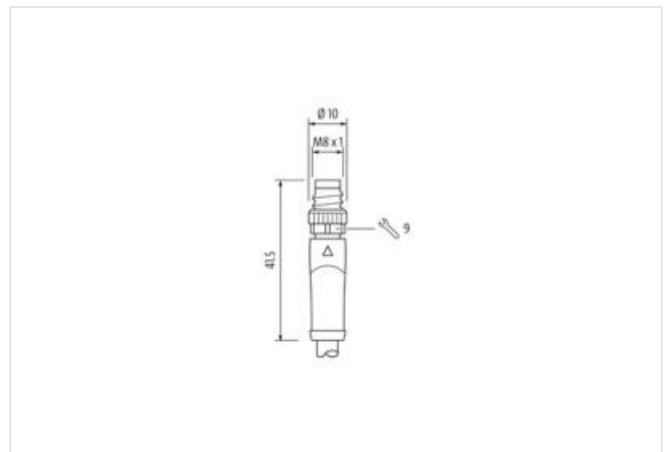
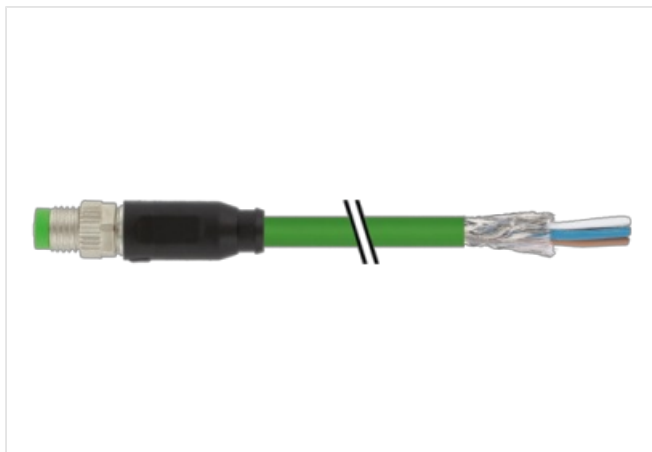
M8, 4-pole

shielded

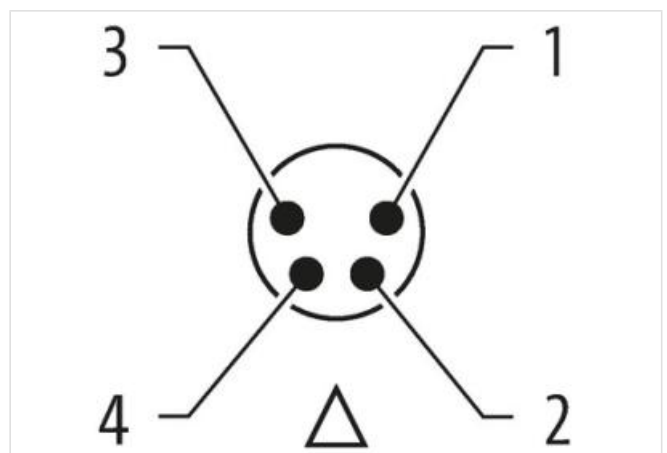
Further cable lengths on request.

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 til artikel](#)**Billede**

Produktet kan afvige fra billedet



Cable length

1 m

Side 1

Tightening torque

0,4 Nm

Oplysningerne i dette datablad er udarbejdet med størst mulig omhu.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 28.04.2024

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Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	8,5 mm
Material	PUR
Width across flats	SW9
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	EC001855
customs tariff number	85444290
GTIN	4048879781206
Pakke-enhed	1

Electrical data | Supply

Operating voltage DC	60 V
Current operating per contact max.	1,5 A

Industrial communication

Transfer parameters	With reference to CAT5, Class D (ISO/IEC 11801)
Data transmission rate max.	100 MBit/s

Industrial communication | Ethernet functionality

duplex	Full duplex
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Installation | Connection

Mounting set	M8 x 1
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Coating locking	Nickel
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Brass

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Installation | Cable

Cable identification	791
Jacket Color	green
Type of Certificate	cURus

Amount stranding	1
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 weight	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
Traversing distance (C-track)	5 m
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
Nominal voltage power AC max.	300 V
Electric capacitance (power)	51000 pF/km
AC withstand voltage power (wire - shield)	0,7 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	0,7 kV @ 60 s
AC withstand voltage power (wire - wire)	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	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