

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

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 0.1m

Ethernet CAT5

M8 – M8, 4-pole

Male straight – male straight
shielded

without cable sleeves

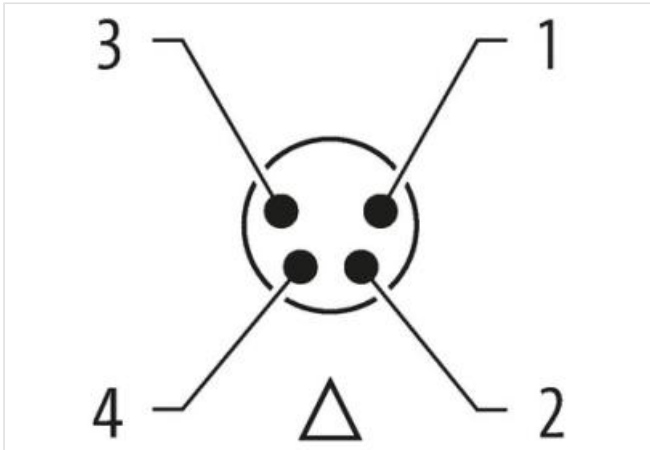
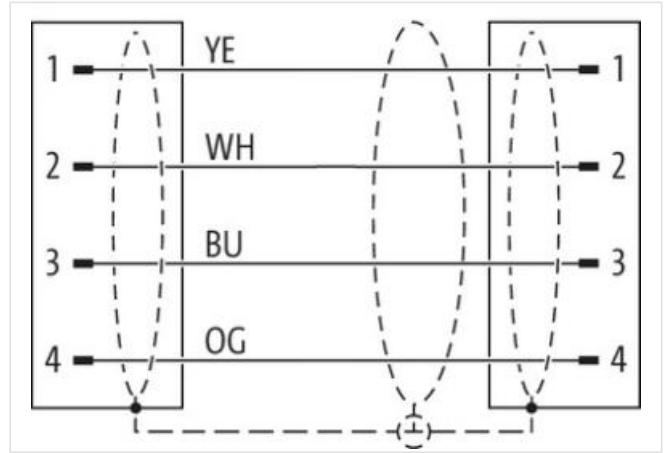
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

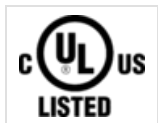
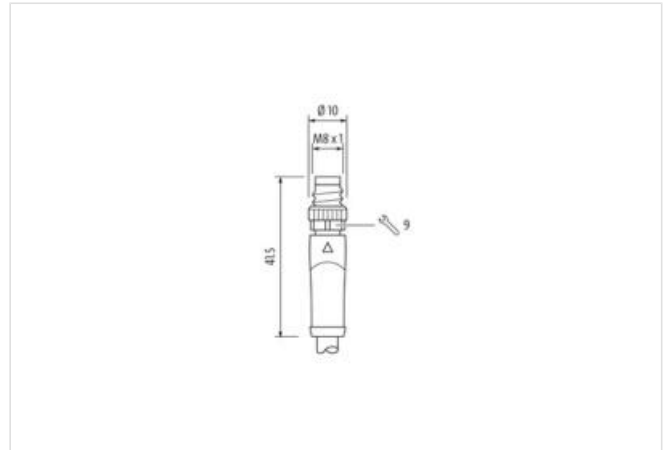
The resistance to aggressive media should be individually tested for your application. Further details on request.

Ürün Linki

örnekleme



Ürün Image farklı olabilir



Cable length

0,1 m

Side 1

Bu veri sayfasındaki bilgiler en büyük özenle hazırlandı.

Bilgilerin doğruluğu bütünlüğü ve güncelliği konusunda yükümlülük ihmalî sınırlıdır. Sürüm: 2024-04-19

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Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9

Side 2

Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	4

Ticari bilgiler

ECLASS-6.0	27279218
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
GTIN	4048879424882
Gümrük tarife no (gtip)	85444290
Paket miktarı	1

Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

Industrial communication

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

Diagnostics

Status indication LED	no
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Coating locking	Nickel
Material housing	PUR
Locking material	Zinc die-casting

Mechanical data | Mounting data

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

Conformity

Product standard DIN EN 61076-2-114 (M8)

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) $\pm 5 \%$
Material wire insulation PP
Amount wires 4
Outer diameter insulation 1,04 mm
Outer diameter tolerance core insulation $\pm 5 \%$
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 $100 \Omega \pm 15 \% @ 100 \text{ MHz}$
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