

M8 male 90° A-cod. / RJ45 male 0° shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 5m

Ethernet CAT5

Male 90° – male straight

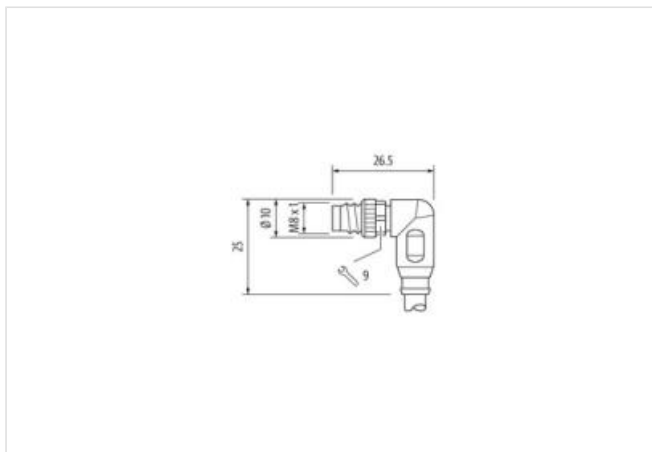
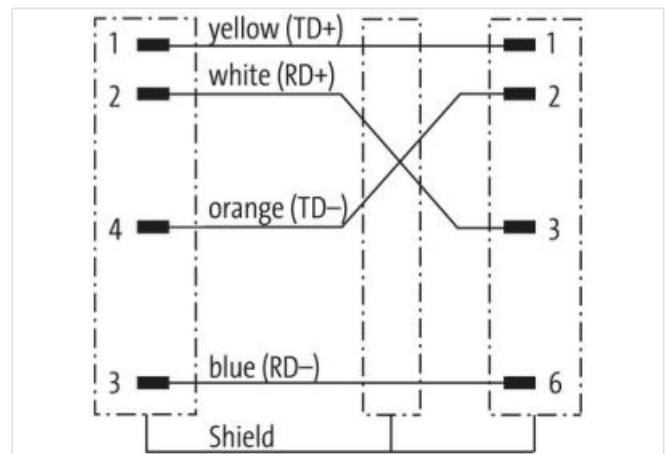
M8 – RJ45, 4-pole
shielded

Attention: Contact carrier turned to 180°!

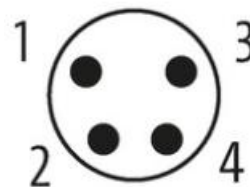
Further cable lengths on request.

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.

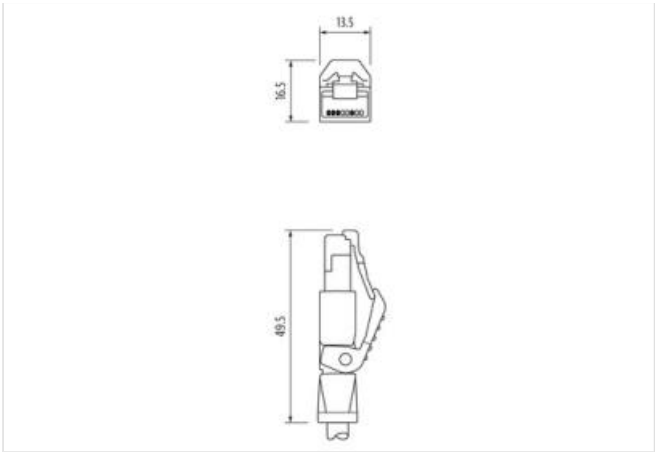
[Link til artikel](#)**Billede**

Male (180°)



Male





Produktet kan afvige fra billedet

Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Family construction form	RJ45
Degree of protection (EN IEC 60529)	IP20
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	4048879611299
Pakke-enhed	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet functionality	
duplex	Full duplex
Device protection Electrical	
Pollution Degree	3

Rated surge voltage 0,8 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Coating locking Nickeled

Material housing PUR

Locking material Zinc die-casting

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

Environmental characteristics | Climatic

Operating temperature min. -20 °C

Operating temperature max. 80 °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) $\pm 5 \%$

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 $140 \Omega/\text{km}$

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