

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

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 10m

Ethernet CAT5

Male 90° – male straight

M8 – RJ45, 4-pole
shielded

Attention: Contact carrier turned to 180°!

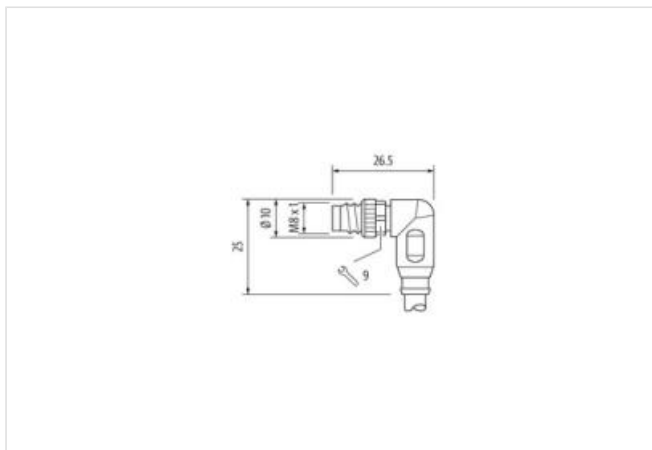
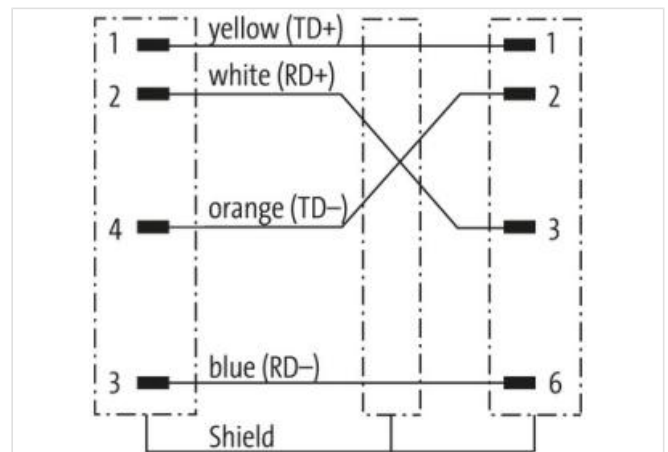
Further cable lengths on request.

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	10 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	4048879611312
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

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.

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

Traversing distance (C-track) 5 m

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

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 $100 \Omega \pm 15 \% @ 100 \text{ MHz}$

Electrical resistance line constant wire $140 \Omega/\text{km}$

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
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