

M8 male 0° / M8 female 0°, shielded EC

PUR 1x4xAWG26 shielded gn UL/CSA+drag chain 0,5m

EtherCAT

Male straight – female straight

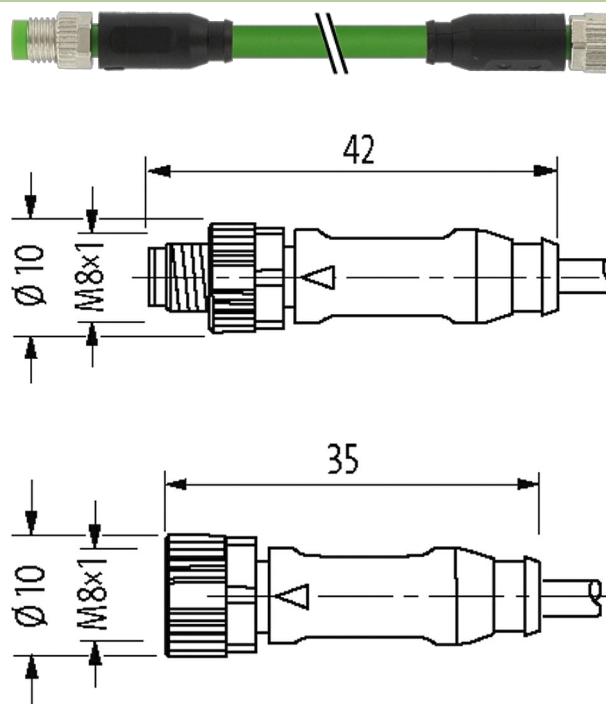
M8 – M8, 4-pole

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

Approvals

* only for products with UL/CSA approved cable

More InfoEtherCAT **Form**

Form

89831

General data

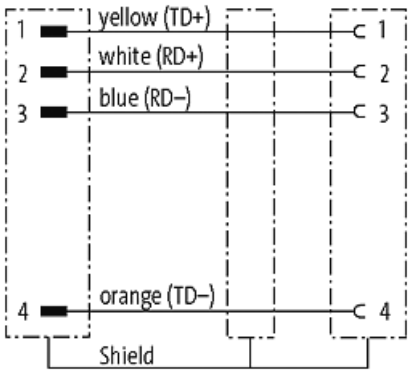
Standards	DIN EN 61076-2-104 (M8)
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Material (gasket)	FKM
Cables	
No./diameter of wires	1 × 4 × 0.15 mm ²
Wire isolation	PO (wh, ye, bl, or)
C-track properties	5 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.9 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-20...+80 °C
Temperature range (mobile)	-20...+50 °C
Cable identification	791
Approval (cable)	UL (AWM-Style 20236/1589), CSA; CE
Cable weight [g/m]	59,40
Material (wire)	Cu wire, bare
Resistor (core)	max. 139.3 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19 × 0.15 mm (multi-strand wire class 5)
Diameter (core)	1 × 4 × AWG26
AWG	similar to AWG 26
Material (wire isolation)	PO
Wire-Ø incl. isolation	1.0 mm ±5%
Color/numbering of wires	wh, or, bl, ye
Stranding combination	4 wires twisted
Shield	yes
	min. 85%
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free
Outer-Ø (jacket)	4.9 mm ±5%
Color (jacket)	green
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Temperature range (fixed)	-20...+80 °C
Temperature range (mobile)	-20...+50 °C
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 300 m/min
Acceleration (C-track)	max. 5 m/s ²
Jacket Color	green
Technical Data	
Operating voltage	max. 50 V AC/60 V DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A

Material group	IEC 60664-1, category I
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Locking of ports	Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing
Compression gland	M8 (SW9)
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	6.5 mm

Commercial data

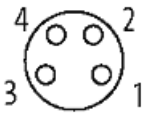
country of origin	DE
customs tariff number	85444290
EAN	4048879617567
eClass	27061801
Packaging unit	1

Sketch



Male

Female



Product may differ from Image