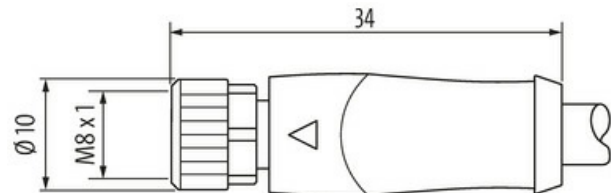
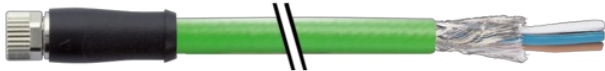
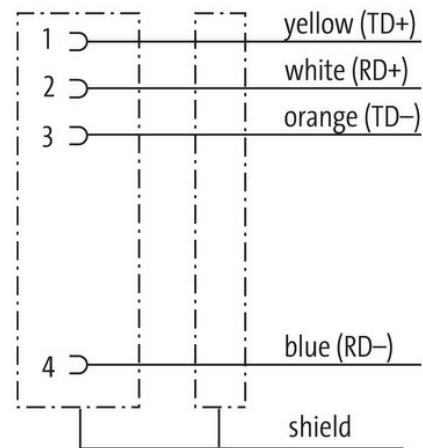
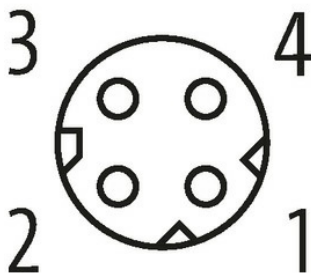


**M8 female 0° D-cod. with cable shielded**

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 7.5m

[Link to Product](#)**Illustration****Female**

Product may differ from Image

**Form**

Form 09041

**Technical Data**

Operating voltage	max. 60 V DC
Rated surge voltage	1.5 kV
No. of poles	4
Transfer parameters	CAT5e, Class D (ISO/IEC 11801)
Transfer rate	100 Mbit/s
Material group	IEC 60664-1, category I

**General data**

Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

**Cables**

Cable identification	796
Approval (cable)	cURus (AWM-Style 20549/11602), CE-conform
Cable weight [g/m]	69,3 g
Material (wire)	Cu wire, bare

Resistor (core)	max. 55 $\Omega$ /km (20 °C)
Construction (core)	7 × 0.254 mm
Diameter (core)	1 × 4 × AWG22/7
Material (wire isolation)	PE
Wire- $\emptyset$ incl. isolation	1.4 mm $\pm$ 5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
optical shield cover	min. 85%
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Outer- $\emptyset$ (jacket)	6.7 mm $\pm$ 5%
Color (jacket)	green
chemical resistance	Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.
thermal resistance	flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.
Nominal voltage	300 V
Test voltage	2000 V AC (test duration 1 min)
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	5 × outer $\emptyset$
Bend radius (moving)	12 × outer $\emptyset$
No. of bending cycles (C-track)	max. 3 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 2 m/s <sup>2</sup>

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879853057
eClass	27279218
Packaging unit	1.000