

**M12 male 0° / M8 male 0°, shielded, Ethercat**

PUR 1x4xAWG24 shielded gn UL/CSA+drag ch. 3m

EtherCAT

Male straight – male straight

M12 – M8, 4-pole

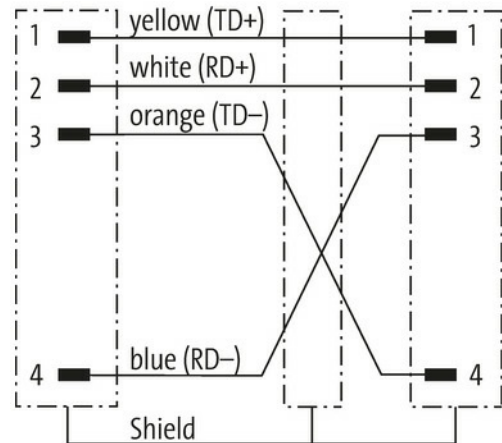
D-coded

shielded

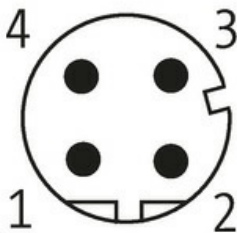
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

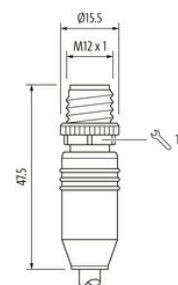
The resistance to aggressive media should be individually tested for your application. Further details on request.

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

Male



Male





Product may differ from Image



\* only for products with UL/CSA approved cable

Form	
Form	44901
Technical Data	
Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Material group	IEC 60664-1, category I
Coding	M12, D-coded
Locking of ports	Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing
Compression gland	M8 (SW9), M12 (SW13)
Protection	IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	6.5 mm
General data	
Standards	DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	585
Approval (cable)	cURus (AWM-Style 20549/11602), CE-conform
Cable weight [g/m]	68,2 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 85 Ω/km (20 °C)
Single wire Ø (core)	0.203 mm
Construction (core)	7 × 0.203 mm

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Diameter (core)	1 × 4 × AWG24/7
AWG	similar to AWG 24/7
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.2 mm ±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-Ø (jacket)	6.0 mm ±5%
Color (jacket)	green
Nominal voltage	300 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	12 × outer Ø
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4065909012758
eClass	27061801
Packaging unit	1.000