

M12 male 90° / M12 female 0° D-cod. shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 0.3m

Ethernet CAT5 Male 90° - female straight M12 - M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

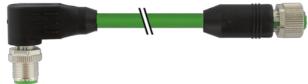
Further cable lengths on request.

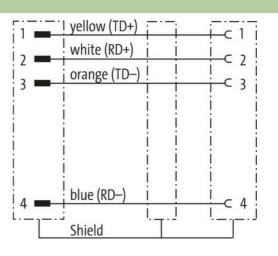
Plastic housings with good resistance against chemicals and oils.

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

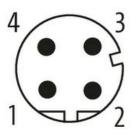
Link to Product

Illustration

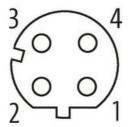


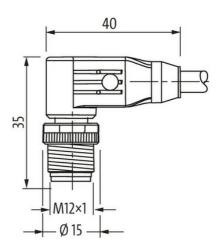


Male



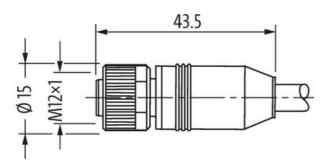
Female







stay connected



Product may differ from Image















* only for products with UL/CSA approved cable

Technical Data	Form	
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 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 (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General dat Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable weight [g/m] Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) <td>Form</td> <td>44581</td>	Form	44581
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	Approval (cable)	cURus (AWM-Style 20549/11602), CE-conform
Resistor (core) \max . 55 Ω /km (20 °C) Construction (core) $7 \times 0.254 \text{ mm}$	Cable weight [g/m]	69,3 g
Construction (core) 7x 0.254 mm	Material (wire)	Cu wire, bare
	Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core) 1× 4× AWG22/7	Construction (core)	7× 0.254 mm
	Diameter (core)	1× 4× AWG22/7
Material (wire isolation) PE	Material (wire isolation)	PE
Wire-Ø incl. isolation 1.4 mm ±5%	Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires wh, ye, bl, or	Color/numbering of wires	wh, ye, bl, or
Shield yes	Shield	yes

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



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)	6.7 mm ±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 Ø
Bend radius (moving)	12× outer Ø
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/s²
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879590242
eClass	27061801
Packaging unit	1.000