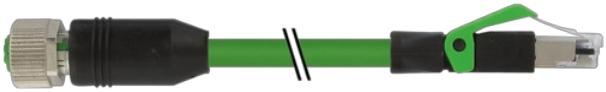
M12 female 0° D-cod. / RJ45 male 0° shielded

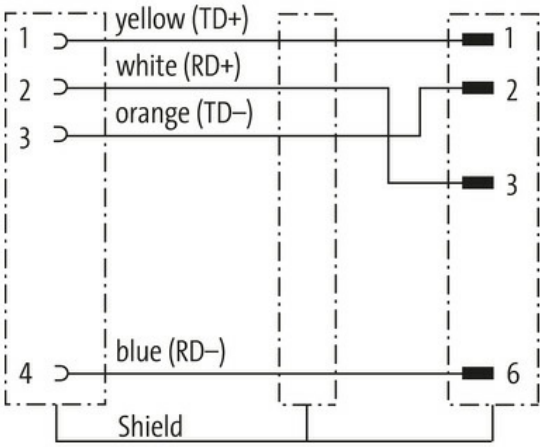
PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 15m

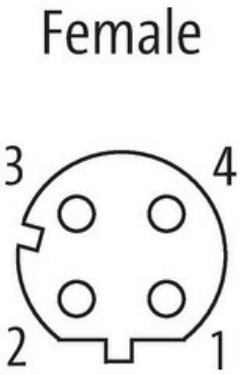
Ethernet CAT5
Female straight – male straight
M12 – RJ45, 4-pole
D-coded
shielded
Transmission properties with channel transmission up to 100 m
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

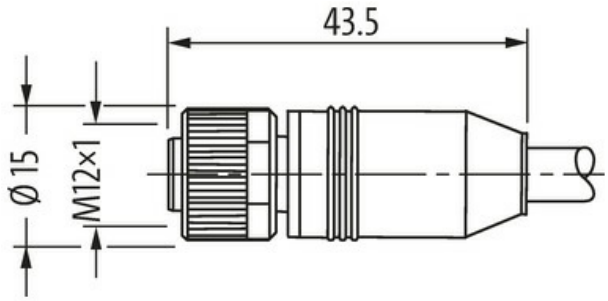
Link to Product

Illustration



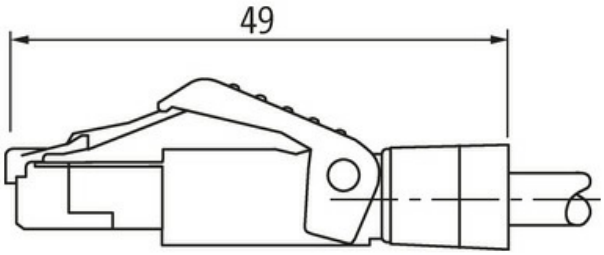






The information in this brochure has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

MURR ELEKTRONIK
stay connected



Product may differ from Image

* only for products with UL/CSA approved cable

Form	
Form	44621
Technical Data	
Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	30 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 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	D-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP67 (M12) - IP20 (RJ45)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	without
General data	
Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Material (gasket)	FKM
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 Ω/km (20 °C)
Construction (core)	7× 0.254 mm
Diameter (core)	1× 4× AWG22/7
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or

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

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)	6.7 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	4048879539814
eClass	27061801
Packaging unit	1.000

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