MURR ELEKTRONIK
stay connected

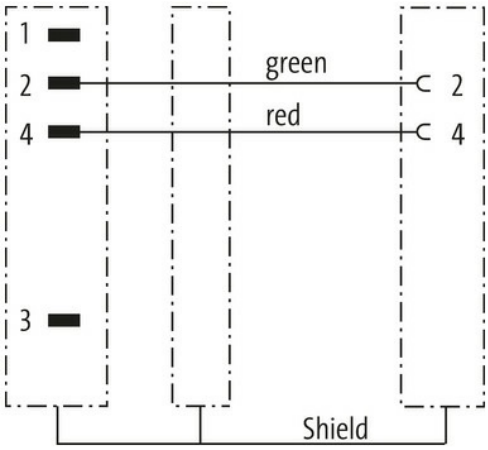
M12 male 90° / M12 female 90° B-cod. shielded

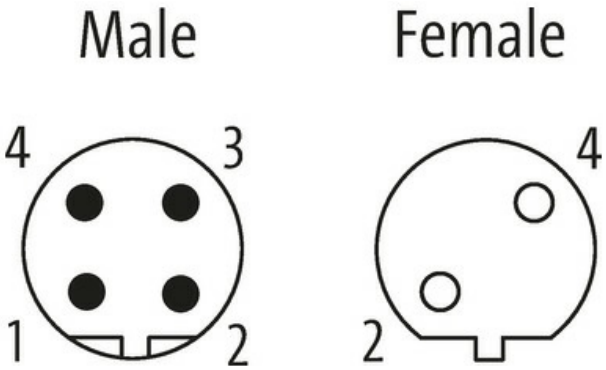
PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 25m

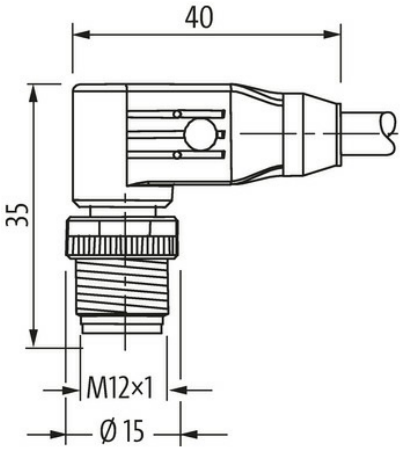
Male 90° – female 90°
M12, 4-pole – M12, 2-pole
B-coded
shielded
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

Link to Product

Illustration







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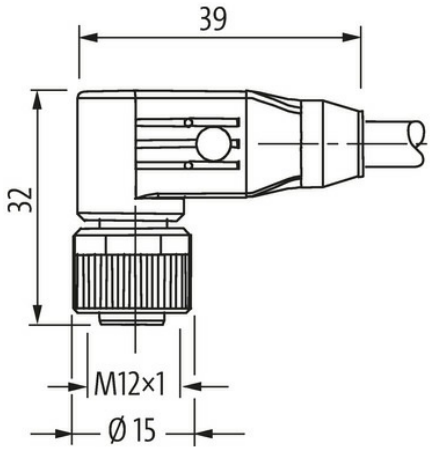

Product may differ from Image

* only for products with UL/CSA approved cable

Form	
Form	44021
Technical Data	
Operating voltage	max. 60 V AC/DC
Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	M12, 4-pole – M12, 2-pole
Material group	IEC 60664-1, category I
Coding	B-coded
LED display	no
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 data	
Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	840
Approval (cable)	cURus (AWM-Style 20549/10578), CE-conform
Cable weight [g/m]	82,5 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 78 Ω/km (20 °C)
Single wire Ø (core)	0.127 mm
Construction (core)	19× 0.127 mm

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AWG	similar to AWG 24
Wire-Ø incl. isolation	2.55 mm ±5%
Color/numbering of wires	rd, gn
Stranding combination	2 wires twisted
Shield	yes
optical shield cover	min. 70%
Material (jacket)	PUR
Outer-Ø (jacket)	7.8 mm ±5%
Color (jacket)	violet
chemical resistance	Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.
Nominal voltage	250 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+60 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 5 m/s²

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879303866
eClass	27061801
Packaging unit	1.000

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