

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

PVC 1x2xAWG24 shielded vt UL/CSA 10m

Male 90° – female 90°

M12, 4-pole – M12, 2-pole

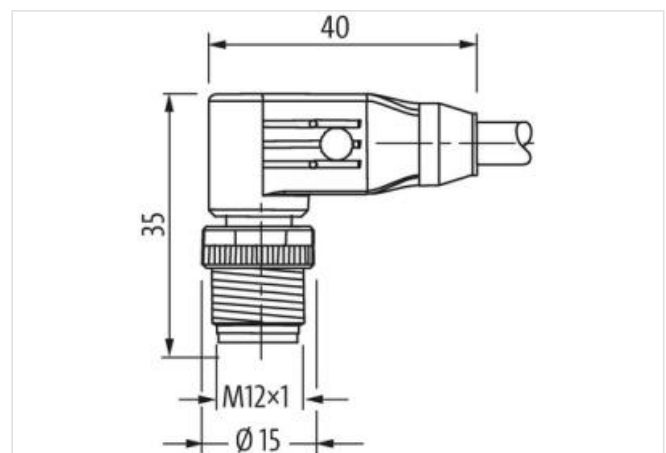
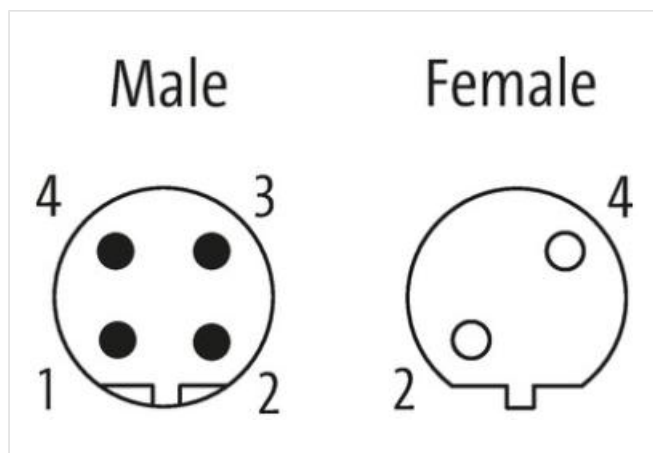
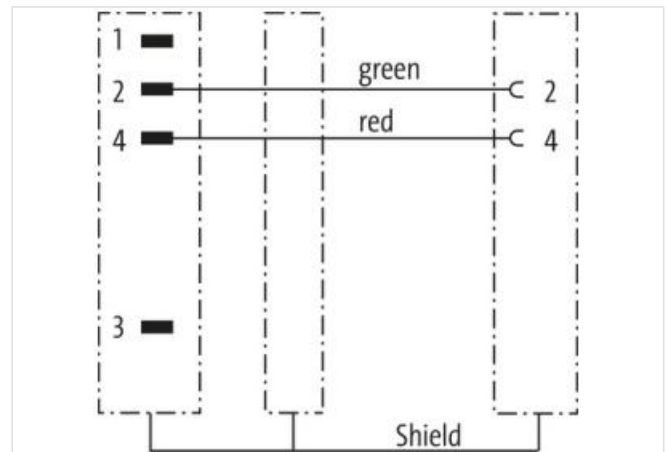
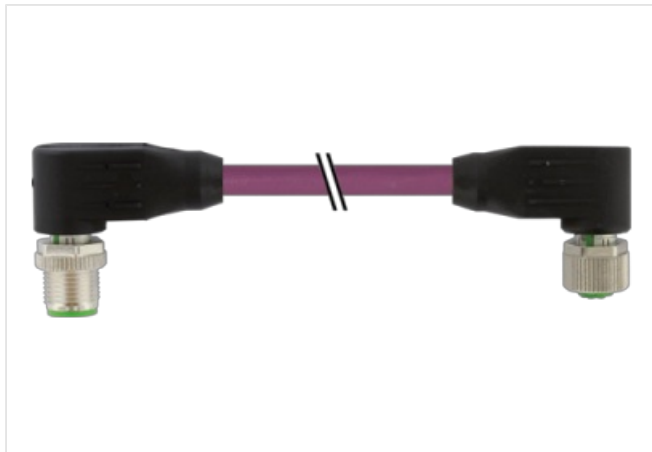
B-coded

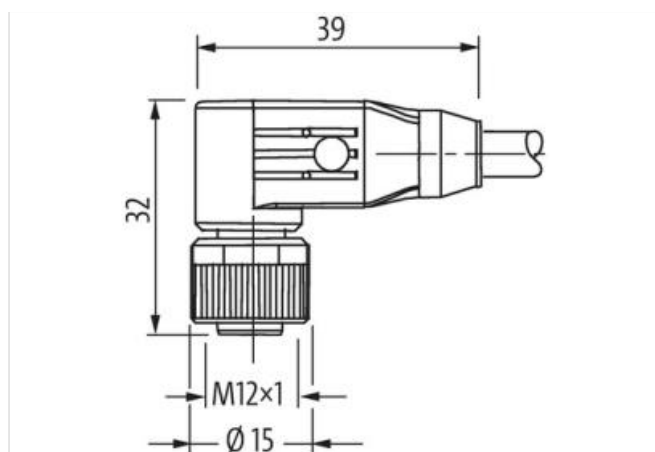
shielded

Plastic housings with good resistance against chemicals and oils.

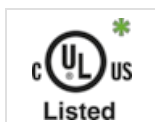
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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



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
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
Compression gland	M12 (SW13)

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

No./diameter of wires	1 × 2 × 0.25 mm ²
Wire isolation	PE (rd, gn)
C-track properties	2 Mio.
Outer Ø	7.8 mm ±5%
Cable identification	850
Cable weight [g/m]	75,9 g
Material (wire)	Cu wire, bare

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: 2022-11-13

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Resistor (core)	max. 68 Ω /km (20 °C)
Single wire Ø (core)	0.13 mm
Construction (core)	19× 0.13 mm
Diameter (core)	1× 2× 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	PE
Wire-Ø incl. isolation	2.55 mm ±5%
Color/numbering of wires	rd, gn
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 70%
Material (jacket)	PVC
Outer-Ø (jacket)	7.8 mm ±5%
Color (jacket)	violet
Jacket Color	violet
Nominal voltage	30 V AC
Test voltage	1.5 kV
Temperature range (fixed)	-25...+70 °C
Temperature range (fixed)	-25...+70 °C
Temperature range (mobile)	-20...+50 °C
Temperature range (mobile)	-20...+50 °C
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	12× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 5 m/s ²
Material (jacket)	PVC (UL)
Product article number of manufacturer	7000-44021-8501000
Cable length	10 m