

M12 female 90° shielded B-cod.with cable, Profibus

PUR 1x2xAWG24 shielded vt UL/CSA+dragchain 6m

PROFIBUS

Female 90°

M12, 2-pole

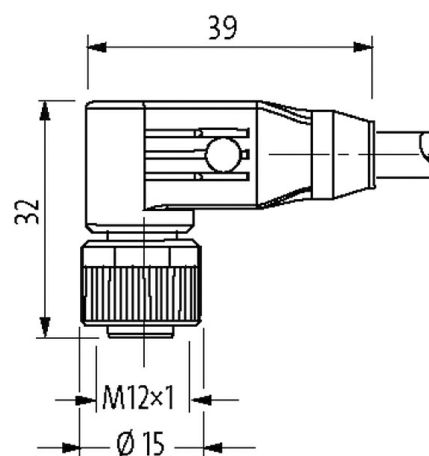
B-coded

shielded

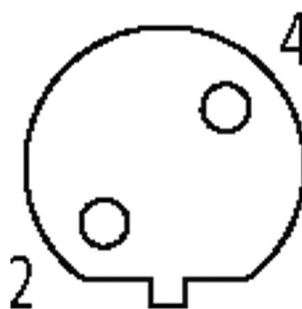
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

Illustration

Female



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

cCSAus

More Info



Form

Form 14071

Cables

No./diameter of wires	1 × 2 × 0.25 mm ²
Wire isolation	PE (rd, gn)
C-track properties	10 Mio.
Jacket Color	violet
Material (jacket)	PUR (UL/CSA)
Outer Ø	7.8 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+60 °C
Cable identification	840
Approval (cable)	UL (AWM-Style 20236/1589), CSA; CE
Cable weight [g/m]	82,50
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
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
Stranding combination	2 wires twisted
Shield	yes
	min. 70%
Material (jacket)	PUR
Outer-Ø (jacket)	7.8 mm ±5%
Color (jacket)	violet
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
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. 10 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3 m/s

Acceleration (C-track) max. 5 m/s²

Technical Data

Operating voltage max. 60 V AC/DC

Operating voltage (only UL listed) max. 30 V AC/DC

Operating current per contact max. 4 A

Rated surge voltage 1.5 kV

Material group IEC 60664-1, category I

Coding B-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)

Locking material Zinc die casting, matte nickel plated

Material PUR

General data

Standards DIN EN 61076-2-101 (M12)

Pollution Degree 3

Temperature range -25...+85 °C, depending on cable quality

Commercial data

country of origin DE

customs tariff number 85444290

EAN 4048879197939

eClass 27061801

Packaging unit 1