

M12 male 0° / M12 female 0° B-cod. shielded

PUR 1x2xAWG22 shielded vt UL/CSA+robot 7m

PROFIBUS

Male straight – female straight

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****Male****Female**

Product may differ from Image



* only for products with UL/CSA approved cable

Form	
Form	44001
Technical Data	
Operating voltage	max. 60 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
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)
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
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	843
Approval (cable)	cURus (AWM-Style 20549/10578), CE-conform
Cable weight [g/m]	79,2 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 60 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19× 0.15 mm (multi-strand wire class 5)
Diameter (core)	1× 2× AWG22
Material (wire isolation)	ZE-PE
Wire-Ø incl. isolation	2.7 mm ±5%
Color/numbering of wires	rd, gn
Shield	yes
optical shield cover	min. 80%
Material (jacket)	PUR
Outer-Ø (jacket)	8.1 mm ±5%
Color (jacket)	violet
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
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	8× outer Ø
Bend radius (moving)	12× outer Ø
Torsion stress	±180°/m
Commercial data	
country of origin	DE

customs tariff number	85444290
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EAN	4048879650748
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eClass	27061801
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Packaging unit	1.000
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