

M12 male 0° A-cod. with cable shielded

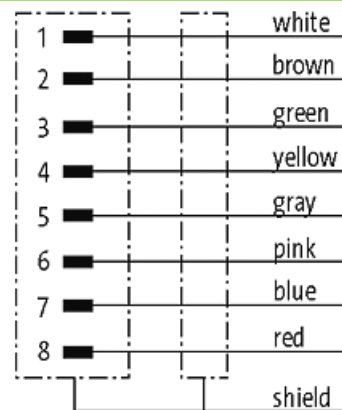
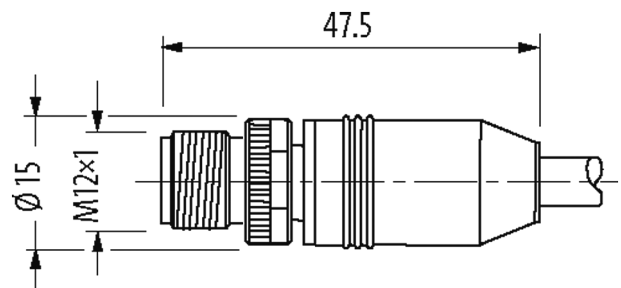
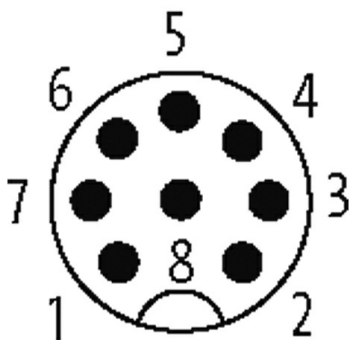
PUR 4x2x0.25 shielded gy 10m

Male straight
M12, 8-pole
shielded
with cable sleeves

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**

Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form 17081

Technical Data

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

Rated surge voltage	0.8 kV
Operating current per contact	max. 2 A
Material group	IEC 60664-1, category I
Coding	A-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR

General data

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Standards	DIN EN 61076-2-101 (M12)

Cables

Cable number	286
No./diameter of wires	4× 2× 0.25 mm ²
Wire isolation	PP (wh, br, gn, ye, gr, pk, bl, rd)
Jacket Color	gray
Material (jacket)	TPU
Outer Ø	7.1 mm ±5%
Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-5...+90 °C
Cable identification	286
Approval (cable)	CE conform
Cable weight [g/m]	74,80
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	32× 0.1 mm (multi-strand wire class 6)
Diameter (core)	4× 2× 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	65 ±5 D
Wire-Ø incl. isolation	1.2 mm ±5%
Color/numbering of wires	br, wh, rd, bl, pk, gr, ye, gn
Shield	yes
Material (jacket)	TPU
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	7.1 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant EN 60332-1
Nominal voltage	300 V AC
Test voltage	1500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-5...+90 °C
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	15× outer Ø

Commercial data

country of origin	CZ
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customs tariff number	85444290
EAN	4048879578257
eClass	27279218
Packaging unit	1