

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

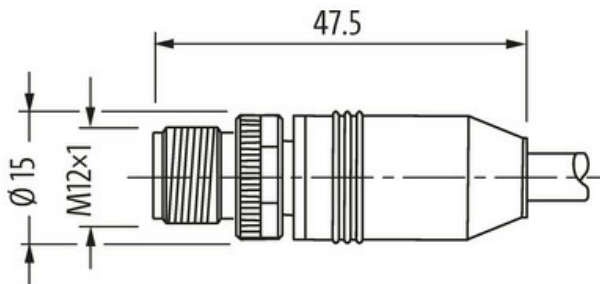
PUR 4x0.34 shielded gn 8m

Male straight – female straight
M12 – M12, 4-pole
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.

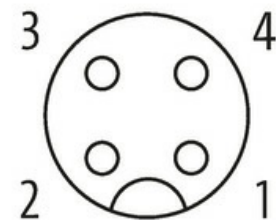
Further cable lengths on request.

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

Product may differ from Image

Male

Female





* only for products with UL/CSA approved cable

Form	
Form	40501
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
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Locking material	Zinc die casting, matte nickel plated
General data	
Standards	DIN EN 61076-2-101 (M12)
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	4× 0.34 mm ²
Wire isolation	TPE-E (br, bk, bl, wh)
Outer Ø	5.9 mm ±5%
Cable identification	820
Approval (cable)	CE conform
Cable weight [g/m]	48,95 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	4× 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	TPE
Material property (wire isolation)	halogen- and lead-free
Shore hardness (wire isolation)	85 ±5 A
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Shield	yes
optical shield cover	min. 85%
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	green
Jacket Color	green
Nominal voltage	300/500 V AC
Test voltage	1500 V AC
Temperature range (fixed)	-50...+80 °C
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (moving)	10× outer Ø

Bend radius (moving)	10× outer Ø
Material (jacket)	PUR
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879593205
eClass	27279218
Packaging unit	1.000