

**M12 male 0° / M12 female 90° A-cod. shielded**

PUR 4x0.34 shielded gn 4m

Male straight – female 90°

M12 – M12, 4-pole

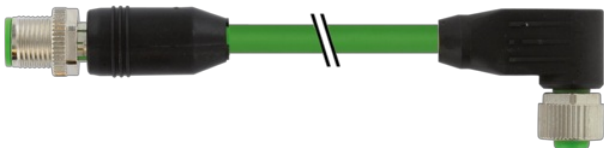
shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

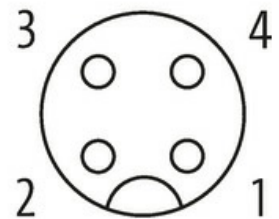
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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

Male

Female





Product may differ from Image



\* only for products with UL/CSA approved cable

#### Form

Form 40511

#### 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
No. of poles	4
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	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

No./diameter of wires	4 × 0.34 mm <sup>2</sup>
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 $\Omega$ /km (20 °C)
Single wire $\varnothing$ (core)	0.1 mm
Construction (core)	42x 0.1 mm (multi-strand wire class 6)
Diameter (core)	4x 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material (wire isolation)	TPE
Material property (wire isolation)	halogen- and lead-free
Shore hardness (wire isolation)	85 $\pm$ 5 A
Wire- $\varnothing$ incl. isolation	1.25 mm $\pm$ 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 $\pm$ 5 A
Outer- $\varnothing$ (jacket)	5.9 mm $\pm$ 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)	10x outer $\varnothing$
Bend radius (moving)	10x outer $\varnothing$
Material (jacket)	PUR
<b>Commercial data</b>	
country of origin	DE
customs tariff number	85444290
EAN	4048879679473
eClass	27279218
Packaging unit	1.000