

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

PVC 8x0.25 gy 20m

Male straight – female straight

M12 – M12, 8-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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



1	white	C 1
2	brown	C 2
3	green	C 3
4	yellow	C 4
5	gray	C 5
6	pink	C 6
7	blue	C 7
8	red	C 8



Product may differ from Image



Form

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Form 48001

**Technical Data**

Operating voltage	max. 30 V AC/DC
Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 2 A
No. of poles	8
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	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
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

**Cables**

No./diameter of wires	8× 0.25 mm <sup>2</sup>
Wire isolation	PVC (bl, wh, gn, ye, gr, pk, rd, br)
Material (jacket)	PVC
Outer Ø	6.0 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+70 °C
Temperature range (mobile)	-5...+70 °C
Cable identification	293
Approval (cable)	CE conform
Cable weight [g/m]	58,30
Material (wire)	Cu wire, bare
Resistor (core)	max. 78 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	14× 0.15 mm (multi-strand wire class 5)
Diameter (core)	8× 0.25 mm <sup>2</sup>
AWG	similar to AWG 24
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	90 ±3 A
Wire-Ø incl. isolation	1.2 mm ±5%
Color/numbering of wires	br, wh, rd, bl, pk, gr, ye, gn
Stranding combination	8 wires twisted around central filler
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	78 ±3 A
Outer-Ø (jacket)	6.0 mm ±5%

Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant DIN VDE 0482 Teil 332-1-2 / IEC 60332-1-2
Nominal voltage	300/300 V AC
Test voltage	2000 V AC
Temperature range (fixed)	-40...+70 °C
Temperature range (mobile)	-5...+70 °C
Bend radius (moving)	12× outer Ø
Jacket Color	gray

**Commercial data**

country of origin	CZ
customs tariff number	85444290
EAN	4048879483094
eClass	27279218
Packaging unit	1