

**M12 MALE 0°**

PUR 4X0.75 black UL/CSA 2.5m

Male straight

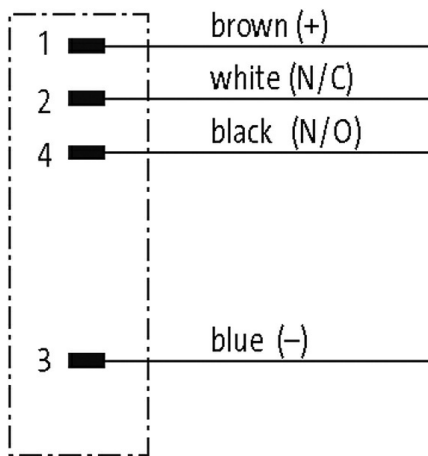
M12, 4-pole

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

**Form**

Form 12021

**Technical Data**

Operating voltage	max. 250 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing
Protection	IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, nickel-plated

**Cables**

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

Cable number	764
No./diameter of wires	4x 0.75 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk)
Jacket Color	black
Material (jacket)	PUR (UL)
Outer Ø	5.9 mm ±5%
Bend radius (moving)	10x outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Cable identification	764
Approval (cable)	UL (AWM-Style 20549/1729)
Cable weight [g/m]	62,59
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.2 mm
Construction (core)	24x 0.2 mm (multi-strand wire class 5)
Diameter (core)	4x 0.75 mm <sup>2</sup>
AWG	similar to AWG 18
Material (wire isolation)	PVC
Shore hardness (wire isolation)	90 ±5 A
Wire-Ø incl. isolation	1.8 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	PUR
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	300/500 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	7.5x outer Ø
Bend radius (moving)	10x outer Ø

**Commercial data**

country of origin	DE
customs tariff number	85444290
EAN	4048879314428
eClass	27279218
Packaging unit	1