

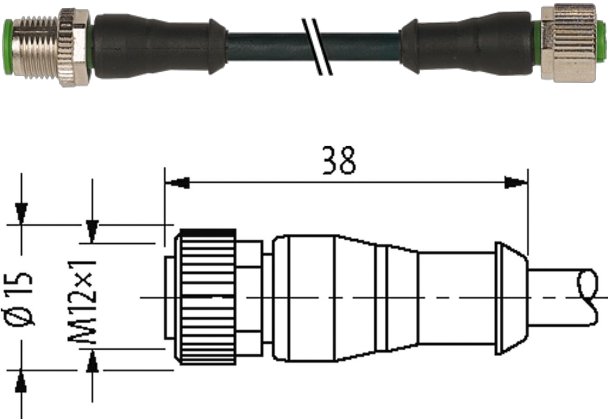
M12 MALE 0° / M12 FEMALE 0°

613 PVC 3x0.34 bk UL/CSA 6.0

Male straight – female straight
M12 – M12, 3-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.

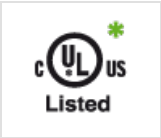
Link to Product

Illustration



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

cCSAus

Form

Form 40001

Cables

No./diameter of wires	3x 0.34 mm²
Wire isolation	PVC (br, bl, bk)
Material (jacket)	PVC (UL/CSA)
Outer Ø	4.6 mm ±5%
Bend radius (moving)	10x outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	613
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34,10
Material (wire)	Cu wire, bare
Resistor (core)	max. 60 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19x 0.15 mm (multi-strand wire class 5)
AWG	similar to AWG 22

Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	4.6 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Jacket Color	black

Technical Data

Operating voltage	max. 250 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	2.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
No. of poles	3
Coding	A-coded
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)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	10 mm

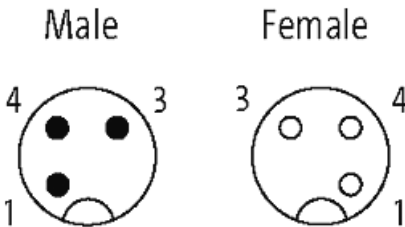
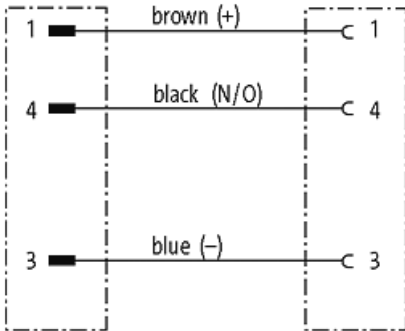
General data

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

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879763943
eClass	27061801
Packaging unit	1

Sketch



Product may differ from Image