

M12 female 90° with cable

PVC 5x0.34 bk UL/CSA 2m

Female 90°

M12, 5-pole

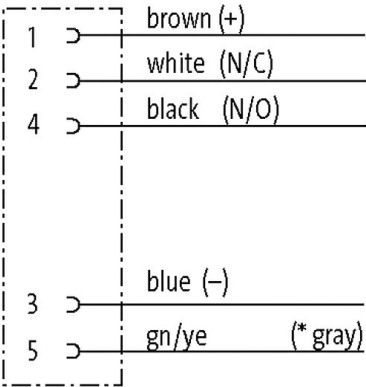
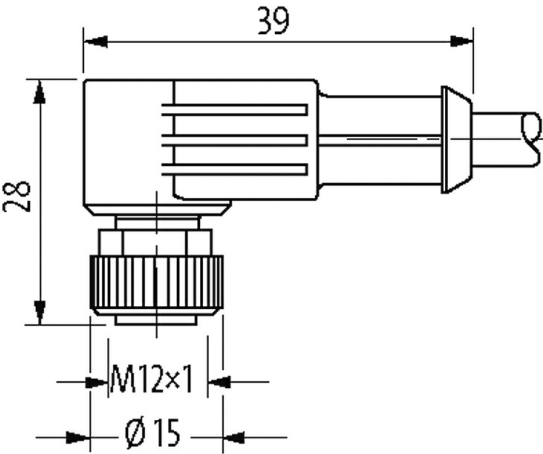
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request
with cable sleeves

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.

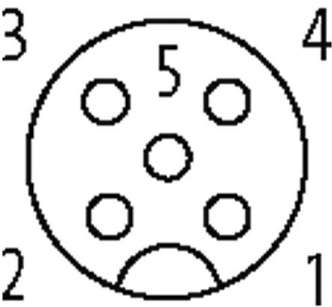
Further cable lengths on request.

Illustration



(* for cable type 126, 732, 219, 619, 729)

Female



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

cCSAus

Form

Form 12361

General data

Standards DIN EN 61076-2-101 (M12)

Pollution Degree 3

Temperature range -25...+85 °C, depending on cable quality

Cables

Cable identification 619

Cable Type 1 (PVC)

Approval (cable) UL (AWM-Style 2464/1731), CSA

Cable weight [g/m] 48,40

Material (wire) Cu wire, bare

Resistor (core) max. 60 Ω /km (20 °C)

Single wire $\varnothing$ (core) 0.15 mm

Construction (core) 19× 0.15 mm (multi-strand wire class 5)

Diameter (core) 5× 0.34 mm²

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- $\varnothing$ incl. isolation 1.25 mm ±5%

Color/numbering of wires br, bk, bl, wh, gr

Stranding combination 5 wires twisted around central filler

Shield no

Material (jacket) PVC

Material property (jacket) CFC-, cadmium-, silicone- and lead-free

Shore hardness (jacket) 85 ±5 A

Outer- $\varnothing$ (jacket) 5.2 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 $\varnothing$

Bend radius (moving) 10× outer $\varnothing$

No./diameter of wires 5× 0.34 mm²

Wire isolation PVC (br, wh, bl, bk, gr)

Material (jacket) PVC (UL/CSA)

Outer $\varnothing$ 5.2 mm ±5%

Bend radius (moving) 10× outer $\varnothing$

Temperature range (fixed) -30...+80 °C

Temperature range (mobile) -5...+80 °C

Jacket Color black

Technical Data

Operating voltage	max. 125 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Operating current per contact	max. 4 A
Rated surge voltage	1.5 kV
Material group	IEC 60664-1, category I
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

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879782913
eClass	27279218
Packaging unit	1