

M12 male 0° shielded with cable

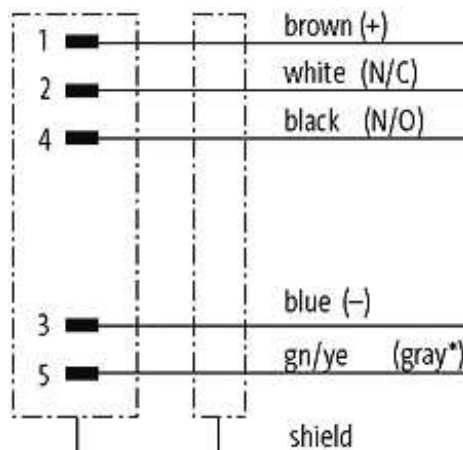
PUR 5x0.34 shielded bk UL/CSA+drag chain 50m

M12

Male straight

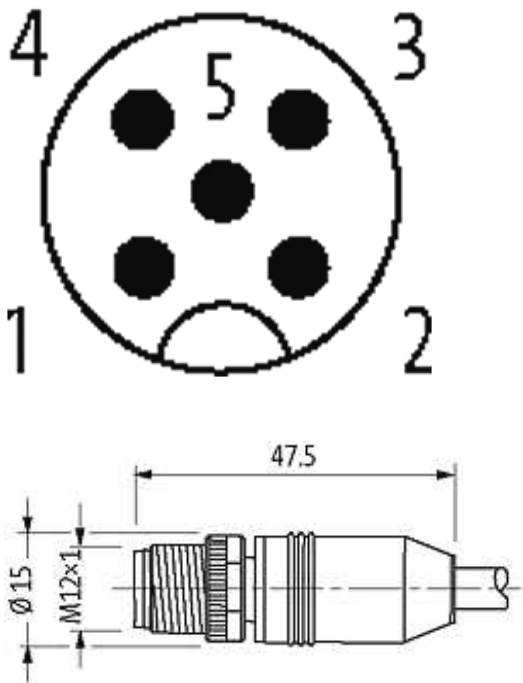
5-pole, shielded

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**

(* for cable type 203, 603, 243, 643)

Male



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

Form

Form 13101

Cables

Cable number	643
No./diameter of wires	5 × 0.34 mm²
Wire isolation	PP (br, wh, bl, bk, gr)
C-track properties	5 Mio.
Torsion	2 Mio. ± 30°/m
Jacket Color	black
Shore hardness outer jacket	90 ± 5A
Material (jacket)	PUR (UL/CSA)
Outer Ø	approx. 5.6 mm
Bend radius (fixed)	5 × outer Ø

Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Shielded	yes

General data

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

Technical Data

Operating voltage	max. 60 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread M12 × 1 mm (recommended torque 0.6 Nm) self-securing
Locking material	Zinc die casting, matte nickel plated
Protection	IP66K, IP67 inserted and tightened (EN 60529)

Commercial data

country of origin	DE
customs tariff number	85444290
minimum order quantity	1