

M12 male 90° shielded with cable

PUR 5x0.34 shielded bk UL/CSA+drag chain 15m

M12

Male 90°

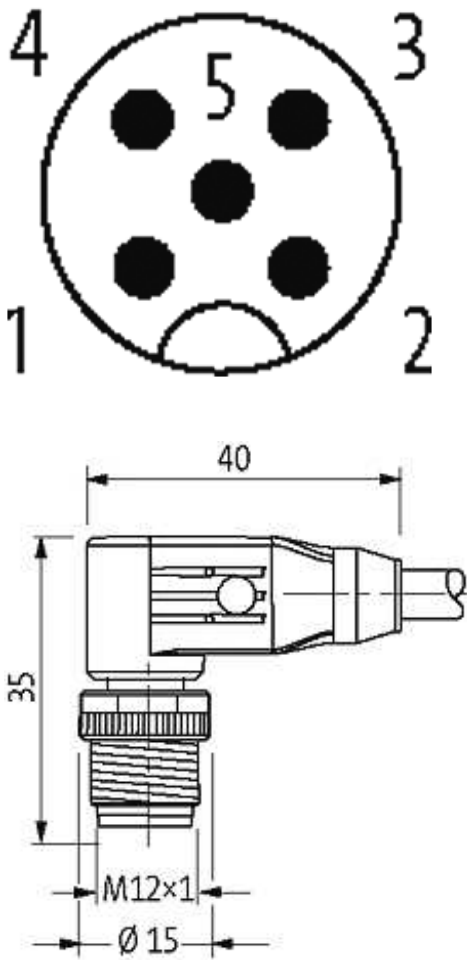
Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

[Link to Product](#)**Illustration**

1	■		brown (+)
2	■		white (N/C)
4	■		black (N/O)
3	■		blue (-)
5	■		gn/ye (gray*)
			shield

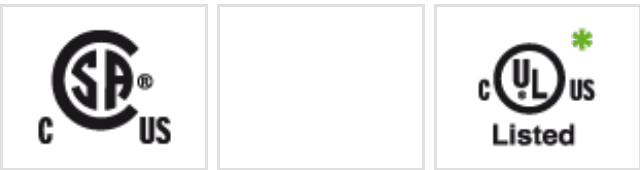
(* for cable type 203, 603, 243, 643)

Male



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

Form

Form 13161

Cables

Cable number	643
No./diameter of wires	5 × 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk, gr)
C-track properties	5 Mio.

Torsion	2 Mio. $\pm$ 30°/m
Jacket Color	black
Shore hardness outer jacket	90 $\pm$ 5A
Material (jacket)	PUR (UL/CSA)
Outer Ø	approx. 5.6 mm
Bend radius (fixed)	5 $\times$ outer Ø
Bend radius (moving)	10 $\times$ 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
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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 $\times$ 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