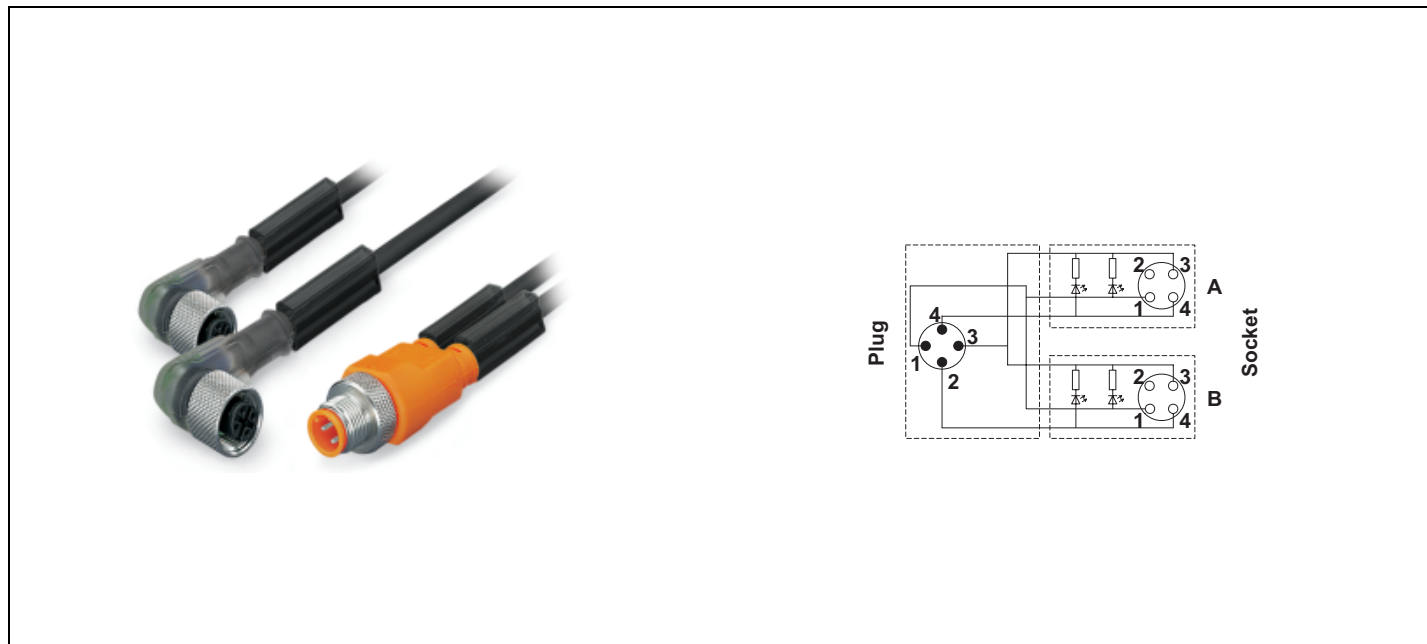


Sensor / Actuator Cable (PUR halogen free)

1/1

Twin distribution cable, (M12-LED/M12)

Data sheet



Description	Item-No.	Pack.-unit pcs
M12 distribution cable (M12-LED-ASK) right angle sockets 1 m	755-882	10
M12 distribution cable (M12-LED-ASK) right angle sockets 1.5 m	755-883	10
M12 distribution cable (M12-LED-ASK) right angle sockets 2 m	755-884	10

Ready to connect actuator/sensor distribution (2 ways), screw locking with (auto) securing safety nut, with two moulded female plugs, with build-in LED, screw locking with (auto) securing safety nut.

Cable characteristics:

- Good chemical and oil resistance.
- Free of polybrominated diphenylether: Halogen, silicon and PVC free, flame retardant.
- Microbe and hydrolysis-resistant.
- For dynamic application: Drag chain suitability in compliance with drag chain test:
 - Bending radius 10 x d
 - Acceleration 5 m/s²
 - Path feed rate 200 m/min at 5 m horizontal path
 - Guaranteed bending cycles ≥2 millions
- Recommended for applications in machine tools for metal cutting.
- The application of these products in aggressive environments should always be checked before.

Technical Data

Structure:
 Conductor 3 x 0.34 mm² (43 x Ø 0.10 mm)
 Colors of the leads brown; blue; black
 Outer jacket PUR halogen free, Ø 4.3 mm

Materials:
 Moulded body TPU, self-extinguishing
 Contact CuZn, pre-nickelated, and 0.8 µm gold-plated
 Body TPU, self-extinguishing
 Knurled nut / screw CuZn, brass, nickelated
 O-Ring FKM

Electrical data:
 Nominal power DC 10 - 30 V
 Current carrying capacity 4 A
 Contact resistance ≤ 5 mΩ
 Insulation resistance > 10⁹ Ω
 Pollution grade 2 acc. to VDE 0110

Mechanical data:
 Protection IP67 *
 Temperature range -25 °C...+80 °C

* Protection IP67 only in fully locked position with it's plugs