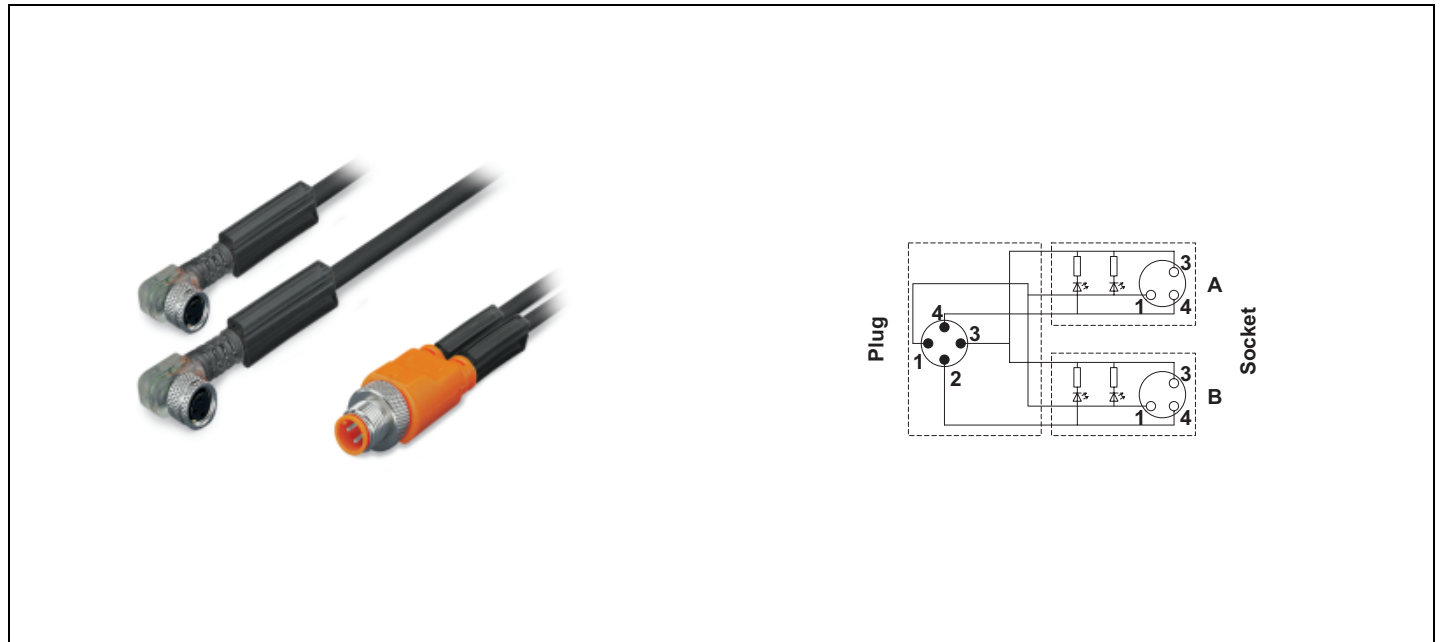


# Sensor / Actuator Cable (PUR halogen free)

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Twin distribution cable, (M8-LED/M12)

Data sheet



Description	Item-No.	Pack.-unit pcs
M12 distribution cable (M8-LED-ASK) right angle sockets 1 m	755-885	10
M12 distribution cable (M8-LED-ASK) right angle sockets 1.5 m	755-886	10
M12 distribution cable (M8-LED-ASK) right angle sockets 2 m	755-887	10

Ready to connect actuator/sensor distribution (2 ways), screw locking with (auto) securing safety nut, with two moulded miniature 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/s<sup>2</sup>
  - 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 mm<sup>2</sup> (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 > 10<sup>9</sup> 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