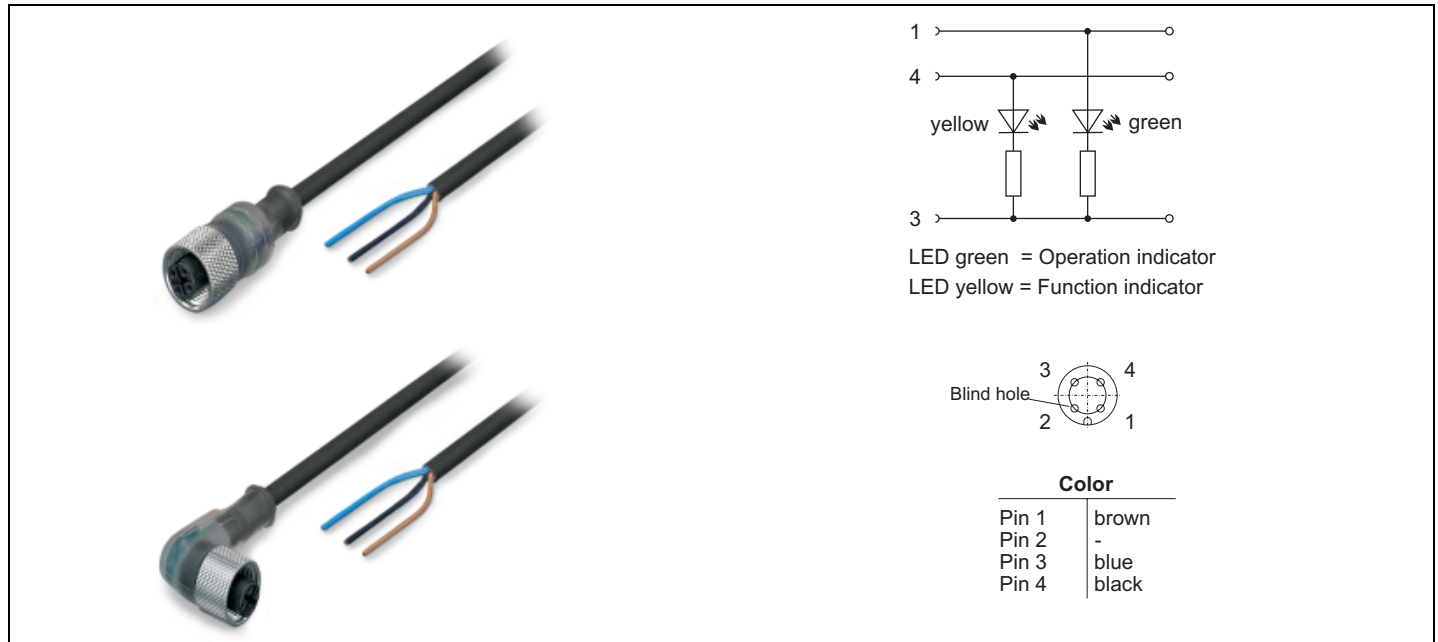


Sensor / Actuator Cable (PUR halogen free)

1/1

3-conductor connecting cable, fitted with one socket, M12-LED

Data sheet



Description	Item-No.	Pack.-unit pcs
3-conductor (M12-LED-SKT) socket 2 m	755-421	10
3-conductor (M12-LED-SKT) socket 5 m	755-422	10
3-conductor (M12-LED-SKT) socket 10 m	755-423	10
3-conductor (M12-LED-ASK) right angle socket 2 m	755-431	10
3-conductor (M12-LED-ASK) right angle socket 5 m	755-432	10
3-conductor (M12-LED-ASK) right angle socket 10 m	755-433	10

<p>Socket and right angle socket with built-in LED, (auto) securing safety nut and with moulded cable.</p> <p>Cable characteristics:</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> - 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. 	<p>Technical Data</p> <p>Structure:</p> <p>Conductor 3 x 0.34 mm² (43 x Ø 0.10 mm)</p> <p>Colors of the leads brown; blue; black</p> <p>Outer jacket PUR halogen free, Ø 4.3 mm</p> <p>Materials:</p> <p>Moulded body TPU, self-extinguishing</p> <p>Contact CuSn, contact range 0.3 µm gold plated</p> <p>Body TPU, self-extinguishing, transparent</p> <p>Knurled nut (securing safety) CuZn, brass, nickeled</p> <p>O-Ring FKM</p> <p>Electrical data:</p> <p>Nominal voltage DC 10 - 30 V</p> <p>Current carrying capacity 4 A (CSA = 3A)</p> <p>Contact resistance ≤ 5 mΩ</p> <p>Insulation resistance > 10⁹ Ω</p> <p>Insulation group C acc. to VDE 0110</p> <p>Mechanical data:</p> <p>Protection IP68 *</p> <p>Temperature range -25 °C...+80 °C</p> <p>Accessories:</p> <p>3-conductor plug (M12-PLG) Item-No.: 755-810</p> <p>3-conductor right angle plug (M12-APL) Item-No.: 755-811</p>
	<p>* Protection IP68 only in fully locked position with it's plugs</p>