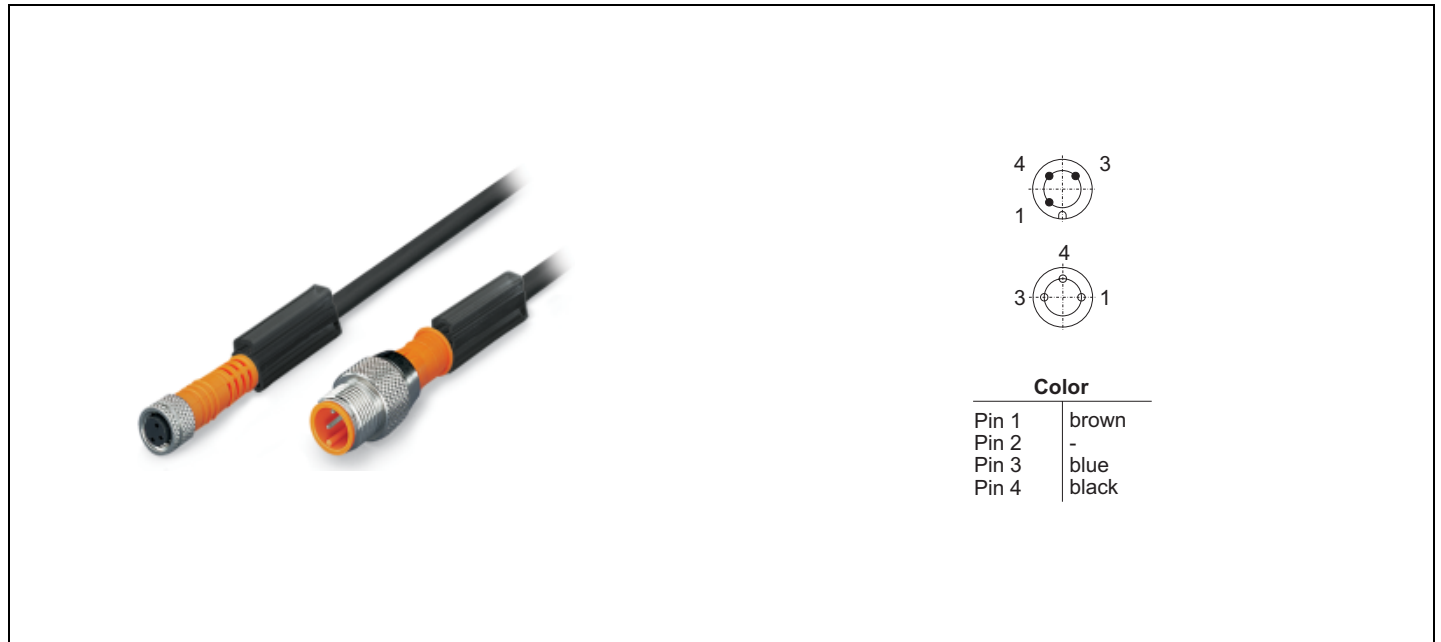


# Sensor / Actuator Cable (PUR halogen free)

3-conductor connection cable, both ends fitted, M8/M12

Data sheet



Description	Item-No.	Pack.-unit pcs
3-conductor (M8-SKT/M12-PLG) socket / plug 1 m	755-551	10
3-conductor (M8-SKT/M12-PLG) socket / plug 1.5 m	755-552	10
3-conductor (M8-SKT/M12-PLG) socket / plug 2 m	755-553	10

<p>Connection cable: M8 socket and M12 plug with (auto) securing safety nut.</p> <p><b>Cable characteristics:</b></p> <ul style="list-style-type: none"> <li>• Good chemical and oil resistance.</li> <li>• Free of polybrominated diphenylether: Halogen, silicon and PVC free, flame retardant.</li> <li>• Microbe and hydrolysis-resistant.</li> <li>• For dynamic application: Drag chain suitability in compliance with drag chain test: <ul style="list-style-type: none"> <li>- Bending radius 10 x d</li> <li>- Acceleration 5 m/s<sup>2</sup></li> <li>- Path feed rate 200 m/min at 5 m horizontal path</li> <li>- Guaranteed bending cycles ≥2 millions</li> </ul> </li> <li>• Recommended for applications in machine tools for metal cutting.</li> <li>• The application of these products in aggressive environments should always be checked before.</li> </ul>	<p><b>Technical Data</b></p> <p><b>Structure:</b></p> <p>Conductor 3 x 0.34 mm<sup>2</sup> (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><b>Materials:</b></p> <p>Moulded body plug TPU, self-extinguishing</p> <p>Moulded body socket TPU, GF, self-extinguishing</p> <p>Contact CuZn, pre-nickeled and 0.8 µm gold-plated</p> <p>Body TPU, self-extinguishing</p> <p>Knurled nut / srew CuZn, brass, nickeled</p> <p>O-Ring FKM</p> <p><b>Electrical data:</b></p> <p>Nominal voltage AC 60 V / DC 75 V</p> <p>Current carrying capacity 4 A (CSA = 3A)</p> <p>Test voltage 1.5/2 kV<sub>rms</sub> / 60s</p> <p>Contact resistance ≤ 5 mΩ</p> <p>Insulation resistance &gt; 10<sup>9</sup> Ω</p> <p>Insulation group C acc. to VDE 0110</p> <p><b>Mechanical data:</b></p> <p>Protection IP67*</p> <p>Temperature range -25 °C...+80 °C</p>	
	<p>* Protection IP67 only in fully locked position with it's plugs</p>	