

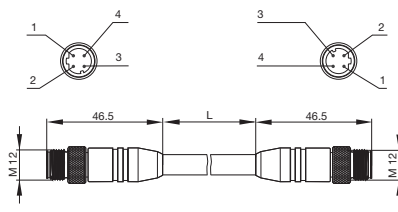
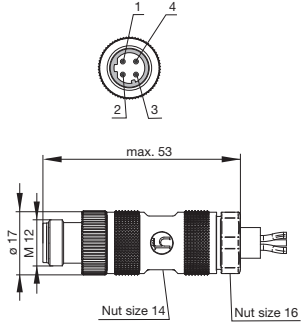


# Industrial Ethernet

## OCTOPUS IP67 > Connecting technology

Type	EM12S 001L0200 OCTOPUS	EM12S OCTOPUS
Order No.	934 578-001	934 445-001
	 <p>Industrial Ethernet patch cords with 2 x M12 connector "D"-coded according IEC 61076-2-101.</p>	 <p>Field attachable Industrial Ethernet M12 connector "D"-coded according IEC 61076-2-101.</p>
<b>Product description</b> Other standard types	<p>cable length 5 m: order no. 934 578-002; cable length 10 m: order no. 934 578-003</p> <p>male</p> <p>4</p> <p>10BASE-T, 100BASE-TX</p> <p>PUR</p> <p>2 m</p> <p>AWG 22</p> <p>stranded wire</p> <p>IEC 61076-2-101</p> <p>metallic</p>	<p>male</p> <p>4</p> <p>10BASE-T, 100BASE-TX</p> <p>AWG 24 - AWG 22</p> <p>stranded wire/solid wire</p> <p>IEC 61076-2-101</p> <p>metallic</p>
<b>Drawing</b>	 <p>Technical drawing of the patch cord showing dimensions: 46.5 mm for each connector section, total length L, and M12 connector details.</p>	 <p>Technical drawing of the field attachable connector showing dimensions: max. 53 mm length, M12 diameter, and nut sizes 14 and 16.</p>
<b>Technical data</b> Wire stranding Rated voltage Rated current Suitable cables Type of termination Pin dimensions	<p>AC/DC 250 V</p> <p>4 A (Derating)</p> <p>1 mm</p>	<p>AC/DC 250 V</p> <p>4 A (Derating)</p> <p>diameter 6.0 mm to 8.0 mm</p> <p>IDC</p>
<b>Material</b> Contact material Contact surface material Contact bearer material Housing material Coupling nut material O-Ring	<p>Cu Zn</p> <p>Au</p> <p>PA</p> <p>PUR</p> <p>Cu Zn/Ni</p>	<p>Cu Zn</p> <p>Au</p> <p>PA</p> <p>Cu Zn/Ni</p> <p>Zn</p> <p>Viton</p>
<b>Environmental conditions</b> Protection class (IEC 60529) Pollution severity Temperature range	<p>IP 67</p> <p>3</p> <p>-25 °C to +90 °C</p>	<p>IP 67</p> <p>3</p> <p>-25 °C to +85 °C</p>
<b>Approvals</b> UL	UL in pending	UL in pending
<b>Packing unit</b> Packaging unit	10	10
<b>Scope of delivery and accessories</b> Accessories to order separately	<p>switch OCTOPUS 5TX EEC, order no. 943 892-001; media module MM3-4TX5 OCTOPUS, order no. 943 841-001; Bulkhead M12 to RJ45 EF12RJ45 OCTOPUS, order no. 934 498-001; M12 socket EF12M OCTOPUS, order no. 934 450-021; M12 socket EF12L OCTOPUS, order no. 934 451-021; M12 socket EF12LW OCTOPUS, order no. 934 451-521</p>	<p>switch OCTOPUS 5TX EEC, order no. 943 892-001; media module MM3-4TX5 OCTOPUS, order no. 943 841-001; Bulkhead M12 to RJ45 EF12RJ45 OCTOPUS, order no. 934 498-001; M12 socket EF12M OCTOPUS, order no. 934 450-021; M12 socket EF12L OCTOPUS, order no. 934 451-021; M12 socket EF12LW OCTOPUS, order no. 934 451-521</p>