

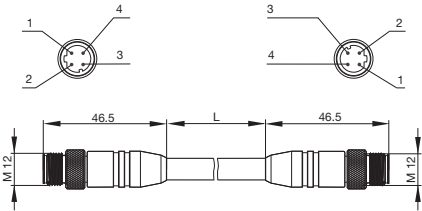
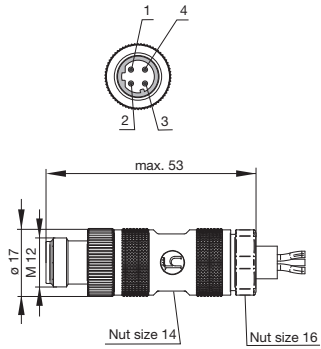


# Industrial Ethernet

## 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><br>Other standard types                          | <p>cable length 5 m: order no. 934 578-002;<br/>cable length 10 m: order no. 934 578-003</p>  |   |
| Type of contact   | male  | male  |
| Number of contacts  | 4   | 4   |
| Data rate   | 10BASE-T, 100BASE-TX  | 10BASE-T, 100BASE-TX  |
| Cable gland   |   |   |
| Cable material  | PUR   |   |
| Cable color   |   |   |
| Cable length  | 2 m   |   |
| Conductor size  | AWG 22  | AWG 24 - AWG 22   |
| Cable specification   | stranded wire   | stranded wire/solid wire  |
| Standard  | IEC 61076-2-101   | IEC 61076-2-101   |
| Housing Color   | metallic  | metallic  |
| <b>Drawing</b>  |    |   |
| <b>Technical data</b>   |   |   |
| Wire stranding  |   |   |
| Rated voltage   | AC/DC 250 V   | AC/DC 250 V   |
| Rated current   | 4 A (Derating)  | 4 A (Derating)  |
| Suitable cables   |   | diameter 6.0 mm to 8.0 mm   |
| Type of termination   |   | IDC   |
| Pin dimensions  | 1 mm  |   |
| <b>Material</b>   |   |   |
| Contact material  | Cu Zn   | Cu Zn   |
| Contact surface material  | Au  | Au  |
| Contact bearer material   | PA  | PA  |
| Housing material  | PUR   | Cu Zn/Ni  |
| Coupling nut material   | Cu Zn/Ni  | Zn  |
| O-Ring  |   | Viton   |
| <b>Environmental conditions</b>   |   |   |
| Protection class (IEC 60529)  | IP 67   | IP 67   |
| Pollution severity  | 3   | 3   |
| Temperature range   | -25 °C to +90 °C  | -25 °C to +85 °C  |
| <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><br>Accessories to order separately | 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 | 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 |