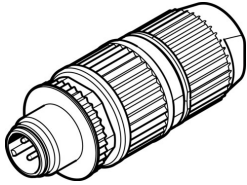


# Plug NECU-S-M12G4-HX-Q7

Part number: 564947

FESTO



 General operating condition

## Data sheet

| Feature                          | Value  |
|----------------------------------|--|
| Based on norm                    | EN 61076-2-101<br>EN 61984   |
| Certification                    | c UL us - Recognized (OL)  |
| Contact durability               | 3  |
| Product weight                   | 33.3 g   |
| Electrical connection            | 4-pin<br>A-coded<br>M12x1<br>Straight plug/insulation displacement connector |
| DC operating voltage range       | 0 V ... 48 V   |
| Operating voltage range AC       | 0 V ... 48 V   |
| Current rating at 40° C          | 6 A  |
| Surge resistance                 | 0.8 kV   |
| Approved cable diameter          | 4.7 mm ... 6 mm  |
| Individual wire diameter         | ≥0.1 mm  |
| Wire diameter                    | 1.6 mm ... 2 mm  |
| Connection cross section         | 0.34 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>                                |
| Degree of protection             | IP65<br>IP67   |
| Ambient temperature              | -25 °C ... 85 °C   |
| LABS (PWIS) conformity           | VDMA24364-B2-L   |
| Note on materials                | RoHS-compliant   |
| Contamination level              | 3  |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress   |
| Housing material                 | PA<br>Die-cast zinc<br>Nickel-plated   |
| Material of screw-type lock      | Die-cast zinc, nickel-plated   |
| Seals material                   | FPM<br>PUR   |
| Material of pin contacts         | Gold-plated  |
| Permissible insulating sheath    | PVC  |