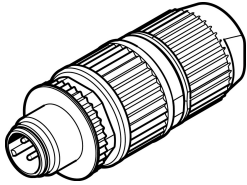


# Plug NECU-S-M12G4-HX-Q7

Part number: 564947

FESTO



## Data sheet

| Feature                        | Value  |
|--------------------------------|--|
| Based on standard              | EN 61076-2-101<br>EN 61984   |
| Approval                       | c UL us - Recognized (OL)  |
| Frequency of connection        | 3  |
| Product weight                 | 33.3 g   |
| Electrical connection          | 4-pin<br>A-coded<br>M12x1<br>Straight plug/insulation displacement connector |
| Operational voltage range DC   | 0 V...48 V   |
| Operational voltage range AC   | 0 V...48 V   |
| Current rating at 40° C        | 6 A  |
| Immunity to surge              | 0.8 kV   |
| Permissible 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   |
| Pollution degree               | 3  |
| Corrosion resistance class CRC | 1 - Low corrosion stress   |
| Material housing               | PA<br>Die-cast zinc<br>Nickel-plated   |
| Material screw-type lock       | Die-cast zinc, nickel-plated   |
| Material seals                 | FPM<br>PUR   |
| Material electrical contact    | Bronze   |
| Permissible insulating sheath  | PVC  |