

Plug NECU-S-M12G3-HX

Part number: 562027

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|----------------------------------|--|
| Based on norm | EN 61076-2-101 EN 61984 |
| Certification | c UL us - recognized (OL) |
| Contact durability | 3 |
| Product weight | 17.5 g |
| Electrical connection | 3-pin A-coded M12x1 Straight plug/insulation displacement connector |
| DC operating voltage range | 0 V ... 32 V |
| Operating voltage range AC | 0 V ... 32 V |
| Current rating at 40° C | 4 A |
| Surge resistance | 0.8 kV |
| Approved cable diameter | 2.9 mm ... 5.1 mm |
| Individual wire diameter | ≥0.1 mm |
| Wire diameter | 0.9 mm ... 1.6 mm |
| Connection cross section | 0.14 mm ² ... 0.34 mm ² |
| Degree of protection | IP65 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 Die-cast zinc Nickel-plated |
| Material of screw-type lock | Die-cast zinc, nickel-plated |
| Seals material | FPM PUR |
| Material of pin contacts | Gold-plated |
| Permissible insulating sheath | PP PVC TPE-E |