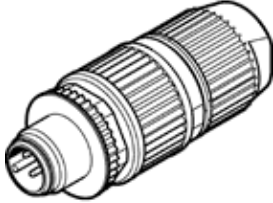


plug NECU-S-M12G3-HX-Q7

Part number: 564946
Product to be discontinued

FESTO

Type to be discontinued. Available until 2024. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|---|---|
| Based on the standard | EN 61076-2-101 EN 61984 |
| Authorisation | c UL us - Recognized (OL) |
| Connection frequency | 3 |
| Product weight | 32.8 g |
| Electrical connection | 3-pin A-coded M12x1 Straight plug / insulation displacement connection |
| Operating voltage range DC | 0 ... 48 V |
| Operating voltage range AC | 0 ... 48 V |
| Acceptable current load at 40°C | 6 A |
| Surge strength | 0.8 kV |
| Permissible cable diameter | 4.7 ... 6 mm |
| Permissible individual wire diameter | ≥ 0.1 mm |
| Permissible wire diameter | 1.6 ... 2 mm |
| Terminal cross-section | 0.34 ... 0.75 mm ² |
| Protection class | IP65 IP67 |
| Ambient temperature | -25 ... 85 °C |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS |
| Degree of contamination | 3 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Material housing | PA Zinc die-casting Nickel plated |
| Material screw-type lock | Nickel-plated die-cast zinc |
| Material seals | FPM PUR |
| Material electrical contact | Gold plated |
| Permissible wire insulation | PVC |