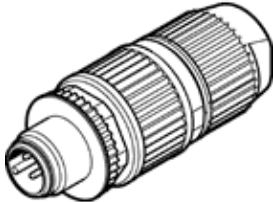


# Plug NECU-S-M12G3-HX-Q7

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<br>EN 61984  |
| Authorization                           | c UL us - Recognized (OL)   |
| Connection frequency                    | 3   |
| Product weight                          | 32.8 g  |
| Electrical connection                   | 3-pin<br>A-coded<br>M12x1<br>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 <sup>2</sup>   |
| Protection class                        | IP65<br>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<br>Zinc die-casting<br>Nickel plated   |
| Material screw-type lock                | Nickel-plated die-cast zinc   |
| Material seals                          | FPM<br>PUR  |
| Material electrical contact             | Gold plated   |
| Permissible wire insulation             | PVC   |