

# Plug NECU-S-M8G3-HX-Q3

Part number: 564945

FESTO



## Data sheet

| Feature                          | Value                                                            |
|----------------------------------|------------------------------------------------------------------|
| Based on norm                    | EN 61076-2-104<br>EN 61984                                       |
| Certification                    | c UL us - recognized (OL)                                        |
| Contact durability               | 3                                                                |
| Product weight                   | 7.8 g                                                            |
| Electrical connection            | 3-pin<br>M8x1<br>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          | 2 A                                                              |
| Surge resistance                 | 0.8 kV                                                           |
| Approved cable diameter          | 2.1 mm...3.5 mm                                                  |
| Individual wire diameter         | 0.05 mm                                                          |
| Wire diameter                    | 0.6 mm...1 mm                                                    |
| Connection cross section         | 0.1 mm²...0.14 mm²                                               |
| 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      | Brass, nickel-plated                                             |
| Seals material                   | FPM<br>PUR                                                       |
| Material of pin contacts         | Gold-plated                                                      |
| Permissible insulating sheath    | PP<br>PVC                                                        |