

# Plug NECU-S-M8G3-HX-Q3

Part number: 564945

FESTO



 General operating condition

## Data sheet

| Feature                        | Value                                                            |
|--------------------------------|------------------------------------------------------------------|
| Based on standard              | EN 61076-2-104<br>EN 61984                                       |
| Approval                       | c UL us - Recognized (OL)                                        |
| Frequency of connection        | 3                                                                |
| Product weight                 | 7.8 g                                                            |
| Electrical connection          | 3-pin<br>M8x1<br>Straight plug/insulation displacement connector |
| Operational voltage range DC   | 0 V ... 32 V                                                     |
| Operational voltage range AC   | 0 V ... 32 V                                                     |
| Current rating at 40° C        | 2 A                                                              |
| Immunity to surge              | 0.8 kV                                                           |
| Permissible 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 mm <sup>2</sup> ... 0.14 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               | Die-cast zinc<br>Nickel-plated                                   |
| Material screw-type lock       | Nickel-plated brass                                              |
| Material seals                 | FPM<br>PUR                                                       |
| Material electrical contact    | Bronze                                                           |
| Permissible insulating sheath  | PP<br>PVC                                                        |