

# Plug NECU-S-M12G3-HX

Part number: 562027

FESTO



 General operating condition

## Data sheet

| Feature                        | Value                                                                        |
|--------------------------------|------------------------------------------------------------------------------|
| Based on standard              | EN 61076-2-101<br>EN 61984                                                   |
| Approval                       | c UL us - Recognized (OL)                                                    |
| Frequency of connection        | 3                                                                            |
| Product weight                 | 17.5 g                                                                       |
| Electrical connection          | 3-pin<br>A-coded<br>M12x1<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        | 4 A                                                                          |
| Immunity to surge              | 0.8 kV                                                                       |
| Permissible 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 <sup>2</sup> ... 0.34 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       | Die-cast zinc, nickel-plated                                                 |
| Material seals                 | FPM<br>PUR                                                                   |
| Material electrical contact    | Bronze                                                                       |
| Permissible insulating sheath  | PP<br>PVC<br>TPE-E                                                           |