

# Power supply plug NECL-S-L12W5-C2-Q10

Part number: 8166792

FESTO



 General operating condition

## Data sheet

| Feature  | Value   |
|--|---|
| Based on standard                                    | EN 61076-2-111  |
| Approval   | c UL us - Recognized (OL)                               |
| Certificate issuing authority                        | UL E474609  |
| Type of mounting                                     | Threaded  |
| Cable outlet   | Angled  |
| Note on cable outlet                                 | Can be rotated 72°                                      |
| Product weight                                       | 45.69 g   |
| Electrical connection 1, function                    | Power supply  |
| Electrical connection 1, design                      | Round   |
| Electrical connection 1, connection type             | Plugs   |
| Electrical connection 1, connector system            | M12x1 L-coded to EN 61076-2-111                         |
| Electrical connection 1, number of connections/cores | 5   |
| Electrical connection 1, connection pattern          | 00995940  |
| Electrical connection 2, connector system            | Screw terminal  |
| Operational voltage range DC                         | 0 V ... 63 V  |
| Nominal operating voltage DC                         | 63 V  |
| Current rating at 40° C                              | 16 A  |
| Immunity to surge                                    | 1.5 kV  |
| Permissible cable diameter                           | 8 - 13 mm for electrical connection 1                   |
| Nominal cross section conductor                      | ≤2.5 mm <sup>2</sup>                                    |
| Conductor nominal cross section                      | AWG14   |
| Note on connection cross-section                     | Max. 1.5 mm <sup>2</sup> /AWG16 when using wire ferrule |
| Degree of protection                                 | IP65<br>IP67  |
| Ambient temperature                                  | -40 °C ... 105 °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                                     | PA  |
| Material screw-type lock                             | Die-cast zinc, nickel-plated                            |
| Material electrical contact                          | Gold-plated copper alloy                                |