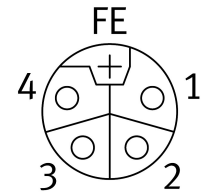


# Power supply socket NECL-L12G5-C2-Q10

Part number: 8166793

**FESTO**



## Data sheet

| Feature                                        | Value                                                       |
|------------------------------------------------|-------------------------------------------------------------|
| Based on norm                                  | EN 61076-2-111                                              |
| Certification                                  | c UL us - recognized (OL)                                   |
| Certificate issuing authority                  | UL E474609                                                  |
| Type of mounting                               | Screwed                                                     |
| Cable outlet                                   | Straight                                                    |
| Product weight                                 | 50.37 g                                                     |
| Electrical connection 1, function              | Power supply                                                |
| Electrical connection 1, design                | Round                                                       |
| Electrical connection 1, connection type       | Socket                                                      |
| Electrical connection 1, connection technology | M12x1, L-coded as per EN 61076-2-111                        |
| Electrical connection 1, number of pins/wires  | 5                                                           |
| Electrical connection 2, connection technology | Screw terminal                                              |
| DC operating voltage range                     | 0 V...63 V                                                  |
| Nominal operating voltage DC                   | 63 V                                                        |
| Current rating at 40° C                        | 16 A                                                        |
| Surge resistance                               | 1.5 kV                                                      |
| Approved cable diameter                        | 8-13 mm for electrical connection 1                         |
| Nominal conductor cross section                | 2.5 mm <sup>2</sup><br>AWG14                                |
| Information on port cross section              | max. 1.5 mm <sup>2</sup> /AWG16 when using wire end sleeves |
| Degree of protection                           | IP65<br>IP67                                                |
| Ambient temperature                            | -40 °C...105 °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                                                          |
| Material of screw-type lock                    | Die-cast zinc, nickel-plated                                |
| Material of pin contacts                       | Gold-plated copper alloy                                    |