

Power supply socket NECL-L12G5-C2-Q10

Part number: 8166793

FESTO



 General operating condition

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 | Threaded |
| 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 for input 1, connection pattern | 00995939 |
| 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 ² |
| Nominal conductor cross section | AWG14 |
| Information on port cross section | max. 1.5 mm ² /AWG16 when using wire end sleeves |
| Degree of protection | IP65 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 | Copper alloy, gold-plated |