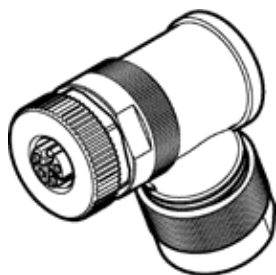


# power supply socket NECL-L12W5-C2-Q10

Part number: 8166794

FESTO



## Data sheet

Feature	Value
Based on the standard	EN 61076-2-111
Authorisation	c UL us - Recognized (OL)
Certificate issuing department	UL E474609
Mounting type	Threaded
Cable outlet	Angled
Note on cable outlet	Can be rotated 72°
Product weight	53.58 g
Electrical connection 1, function	Power supply
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
Electrical connection 1, connection technology	M12x1, L-coded to EN 61076-2-111
Electrical connection 1, number of pins/wires	5
Electrical connection 2, connection technology	Screwed terminal
Operating voltage range DC	0 ... 63 V
Nominal operating voltage DC	63 V
Acceptable current load at 40°C	16 A
Surge strength	1.5 kV
Permissible cable diameter	8 - 13 mm for electrical connection 1
Nominal conductor cross-section	≤ 2.5 mm <sup>2</sup>
Nominal conductor cross section (AWG)	AWG14
Note on port cross section	Max. 1.5 mm <sup>2</sup> /AWG16 when using wire end sleeves
Protection class	IP65 IP67
Ambient temperature	-40 ... 105 °C
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	1 - Low corrosion stress
Material housing	PA
Material screw-type lock	Nickel-plated die-cast zinc
Material electrical contact	Gold-plated copper alloy