

Power supply socket NECL-L12G5-C2-Q10

Part number: 8166793

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	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, connector system	M12x1 L-coded to EN 61076-2-111
Electrical connection 1, number of connections/cores	5
Electrical connection 1, connection pattern	00995939
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 ²
Conductor nominal cross section	AWG14
Note on connection cross-section	Max. 1.5 mm ² /AWG16 when using wire ferrule
Degree of protection	IP65 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