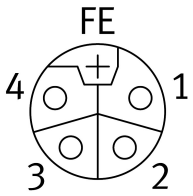
Power supply socket
NECL-L12G5-C2-Q10

Part number: 8166793





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 mm² AWG14
Information on port cross section	max. 1.5 mm²/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	Gold-plated copper alloy