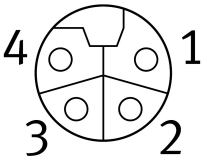
Power supply socket
NECL-L12W4-C2-Q10

Part number: 8203702





Data sheet

Feature	Value
Based on standard	EN 61076-2-111
Approval	c UL us - Recognised (Oil)
Certificate issuing authority	UL E474609
Type of mounting	Threaded
Cable outlet	Angled
Note on cable outlet	Can be rotated 72°
Product weight	52.31 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	4
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 mm²
Conductor nominal cross section	AWG14
Note on connection cross-section	Max. 1.5 mm²/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	Nickel-plated die-cast zinc

Feature	Value
Material electrical contact	Gold-plated copper alloy