Plug
NECU-S-M8G3-HX

Part number: 562024

General operating condition

Data sheet

Feature	Value
Based on standard	EN 61076-2-104 EN 61984
Approval	c UL us - Recognised (Oil)
Frequency of connection	3
Product weight	7.8 g
Electrical connection	3-pin M8x1 Straight plug/insulation displacement connector
Operational voltage range DC	0 V ... 32 V
Operational voltage range AC	0 V ... 32 V
Current rating at 40° C	4 A
Immunity to surge	0.8 kV
Permissible cable diameter	2.5 mm ... 5.1 mm
Individual wire diameter	≥0.1 mm
Wire diameter	0.9 mm ... 1.6 mm
Connection cross section	0.14 mm² ... 0.34 mm²
Degree of protection	IP65 IP67
Ambient temperature	-25 °C ... 85 °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	Process automation Die-cast zinc nickel-plated
Material screw-type lock	Brass, nickel-plated
Material seals	Fluoro rubber PUR
Material electrical contact	Gold-plated
Permissible insulating sheath	PP PVC TPE-E