Plug
NECU-S-M12G3-HX

Part number: 562027



Data sheet

Feature	Value
Based on norm	EN 61076-2-101 EN 61984
Certification	c UL us - recognized (OL)
Contact durability	3
Product weight	17.5 g
Electrical connection	3-pin A-coded M12x1 Straight plug/insulation displacement connector
DC operating voltage range	0 V...32 V
Operating voltage range AC	0 V...32 V
Current rating at 40° C	4 A
Surge resistance	0.8 kV
Approved cable diameter	2.9 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
Contamination level	3
Corrosion resistance class (CRC)	1 - Low corrosion stress
Housing material	PA Die-cast zinc Nickel-plated
Material of screw-type lock	Die-cast zinc, nickel-plated
Seals material	FPM PUR
Material of pin contacts	Gold-plated
Permissible insulating sheath	PP PVC TPE-E