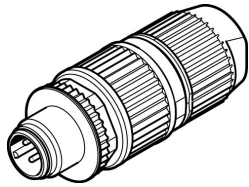


Plug
NECU-S-M12G3-HX-Q7
Part number: 564946

FESTO



Data sheet

Feature	Value
Based on standard	EN 61076-2-101 EN 61984
Approval	c UL us - Recognized (OL)
Frequency of connection	3
Product weight	32.8 g
Electrical connection	3-pin A-coded M12x1 Straight plug/insulation displacement connector
Operational voltage range DC	0 V...48 V
Operational voltage range AC	0 V...48 V
Current rating at 40° C	6 A
Immunity to surge	0.8 kV
Permissible cable diameter	4.7 mm...6 mm
Individual wire diameter	0.1 mm
Wire diameter	1.6 mm...2 mm
Connection cross section	0.34 mm ² ...0.75 mm ²
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	PA Die-cast zinc Nickel-plated
Material screw-type lock	Die-cast zinc, nickel-plated
Material seals	FPM PUR
Material electrical contact	Bronze
Permissible insulating sheath	PVC