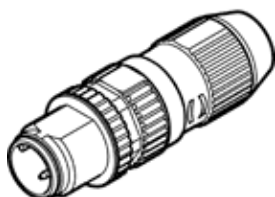


**plug**  
**NECU-S-M12G3-HX**

Part number: 562027

**FESTO**



**Data sheet**

Feature	Value
Based on the standard	EN 61076-2-101 EN 61984
Authorisation	c UL us - Recognized (OL)
Connection frequency	3
Product weight	17.5 g
Electrical connection	3-pin A-coded M12X1 Straight plug / insulation displacement connection
Operating voltage range DC	0 ... 32 V
Operating voltage range AC	0 ... 32 V
Acceptable current load at 40°C	4 A
Surge strength	0.8 kV
Permissible cable diameter	2.9 ... 5.1 mm
Permissible individual wire diameter	≥ 0.1 mm
Permissible wire diameter	0.9 ... 1.6 mm
Terminal cross-section	0.14 ... 0.34 mm <sup>2</sup>
Protection class	IP65 IP67
Ambient temperature	-25 ... 85 °C
Materials note	Free of copper and PTFE Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	1 - Low corrosion stress
Material housing	PA Zinc die-casting Nickel plated
Material screw-type lock	Nickel-plated die-cast zinc
Material seals	FPM PUR
Material electrical contact	Gold plated
Permissible wire insulation	PVC TPE-E PP