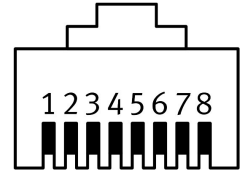
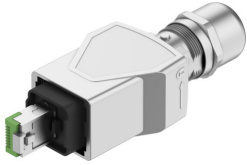


# Plug NECC-M-S-R3G8PP-HX-PN

Part number: 5195384

FESTO



## Data sheet

Feature	Value
Protocol	Ethernet PROFINET
Additional functions	Meets AIDA requirements
Contact durability	750
Cable outlet	Straight
Product weight	90 g
Electrical connection 1, design	Rectangular
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	RJ45
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	8
Electrical connection 1, type of mounting	Push-pull with interlock to prevent unintentional pulling
Electrical connection 2, connection technology	Insulation displacement connector
DC operating voltage range	50 V
Nominal operating voltage DC	50 V
Current rating at 40° C	1.75 A
Surge resistance	1500 V
Shield	360° possible
Transmission characteristics	Category 5 according to ISO/IEC 11801 Category 5 according to TIA/EIA-568B
Protection against direct and indirect contact	PELV
Cable fitting	Pg11 hex A/F 20
Cable diameter	5.5 mm...10 mm
Wire diameter	1.6 mm
Nominal conductor cross section	0.25 mm <sup>2</sup> ...0.32 mm <sup>2</sup> AWG22 AWG23
Information on port cross section	0.25 – 0.32 mm <sup>2</sup> for conductor 1-wire
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-40 °C...70 °C

<b>Feature</b>	<b>Value</b>
Storage temperature	-40 °C...70 °C
LABS (PWIS) conformity	VDMA24364-A1-L
Note on materials	RoHS-compliant
Fire tested	UL94 V-0
Contamination level	2
Corrosion resistance class (CRC)	1 - Low corrosion stress
Housing material	Die-cast zinc, nickel-plated
Housing colour	Silver
Seals material	NBR TPE-V
Material of pin contacts	Copper alloy, nickel-plated and gold-plated
Permissible insulating sheath	PP PUR PVC