



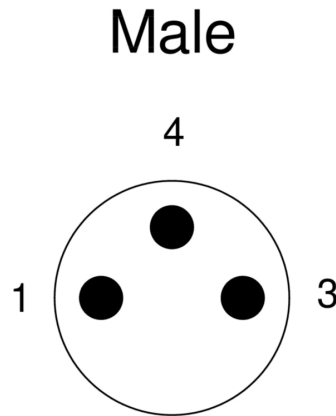
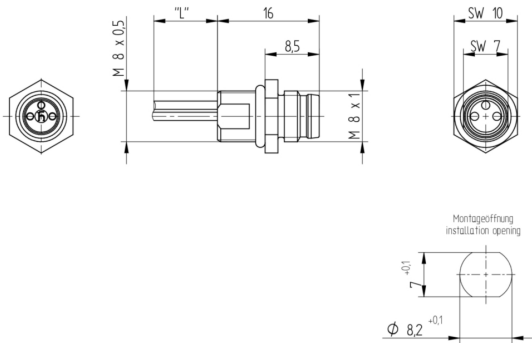
Product: [ELST 3308 RV FM 805](#)

M8 Standard Sensor/Actuator Receptacle Connector: Male, front mount, M8 - mating side, stranded wires - connecting side, 3-pin, A-coded, unshielded, metallic grey housing, 50 AC / 60 DC, 4 A

Product Description

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Technical Drawing



Technical Specifications

Face View

Pin 1	Pin 3	Pin 4
brown	blue	black

Technical Data

Product Family:	Sensor / Actuator Connectors
Product Sub Family:	M8 Standard
Mating Side:	M8
Connecting Side:	Stranded Wires
Brand:	Hirschmann
Connector Type:	Receptacle
Type of Contact / Gender:	Male
Connector Design:	Front Mount
Number of Pins:	3
Coding:	A
Shielding:	Unshielded
Attachment Type:	Snap- and Screw-Locking
Rated Voltage:	60 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 AC / 60 DC
Rated Current*:	4 A

Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Type of Connection:	Solder
Thread Size:	M8x0.5
Ambient Temperature (Operation)*:	- 25 °C - + 90 °C
Protection Degree / IP Rating**:	IP67, IP68
Design Standard:	IEC 61076-2-104
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	PA
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-2
Potted:	Yes
Housing Material:	CuZn
Housing Plating:	Cu/Ni
Housing Color:	Silver
Attachment Material:	CuZn
Attachment Plating:	Cu/Ni
O-Ring Material:	NBR

Additional Technical Data

Fastening Torque (Attachment):	M 8x1: 30 Ncm, hand-tight
Accessories to Order Separately:	000-011-644 Mounting Nut M8

Cable Data

Conductor Size:	0.25 mm ²
Number of Wires:	3
Conductor material:	Cu
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 1.3 mm
Ambient Temperature (Fixed Installation):	- 30 °C - + 70 °C
Ambient Temperature (Flex Installation):	- 5 °C - + 70 °C
Flammability Class (Cable Jacket):	IEC 60332-1; EN 50265, IEC 60332-2
Core Colors:	black, blue, brown

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	* only if mounted and locked in combination with Hirschmann / Lumberg connector. On the installation side tightness has to be assured by taking proper measures.

Variants

Item #	Item Description	Cable Length
933146001	ELST 3308 RV FM 805	0.5 m

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