



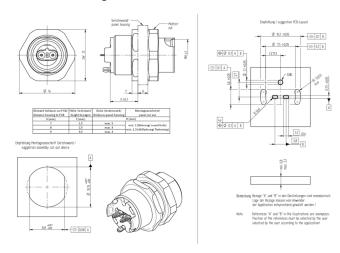


SPE M8 SPE PCB insert, straight, pressfit, rear wall mounting screw, 8 mm, in sample package

# **Product Description**

SPE M8 SPE PCB insert, straight, pressfit, rear wall mounting screw, 8 mm, in sample package

# **Technical Drawing**



## **Technical Specifications**

### **Technical Data**

Product Family:	SPE Receptacles	
Product Sub Family:	SPE Receptacle M8	
Mating Side:	Screw-Locking Screw-Locking	
Connecting Side:	Pressfit	
Brand:	Lumberg Automation	
Type of Contact / Gender:	Female	
Connector Design:	Straight	
Number of Pins:	2	
Coding:	SPE-6J-M8	
Shielding:	Shielded	
Rated Voltage:	60 V	
Operating Voltage:	50 V AC / 60 V DC	
Rated Current*:	4 A	
Contact Resistance:	≤ 10 mOhm	
Insulation Resistance:	> 5x10^8 Ohm	
Testing Voltage Pin - Pin:	1 kV	
Testing Voltage Pin - Shield:	2.25 kV	
Transmission characteristics:	4 GHz	
Data Rate:	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s	
Mating Cycles:	≤ 100	

Type of Connection:	Screw-Locking	
Thread Size:	M10 x 0.5	
Thread Plating:	l-plated	
Ambient Temperature (Operation)*:	40°C - +90°C	
Protection Degree / IP Rating**:	IP65, IP67	
Design Standard:	IEC 63171-6, IEEE 802.3bu (remote power supply over PoDL = Power over Data Line), IEEE 802.3cg (10BASE-T	
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)	

### **Materials**

Contact Base Material:	Cu alloy
Contact Plating:	Cu/Au
Contact Bearer Material:	PA
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-0
O-Ring Material:	FKM

## **Additional Technical Data**

Fastening Torque (Attachment):	M 8x1: 40 Ncm, hand-tight

## Safety & Environmental Compliance

RoHS Compliant:	yes
China RoHS-Compliant:	Yes

### **Notes**

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.	1
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### Variants

Item #	Item Description
935102101	HKMH1S-8M-GP/7 S

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