

M8 male Connector Panel Mount, PCB Type

Features:

- Threaded Coupling
- IP67 (Rating)
- Pollution Degree: 3
- Products Comply With IEC 61076-2-101 Industry 4.0 Agreement, NEMA2000 Standard



Electrical Specifications

Contacts	4
Rated Current (A)	3
Rated Voltage (AC,V)	60
Rated Pulse Voltage (AC,V)	800
Insulation Resistance (MΩ)	≥100
Contact Resistance (mΩ)	≤3

Mechanical Specifications

Mating Cycles	500 Min
Coupling Mechanism	Threaded
Interface Specification	IEC 61076-2-101

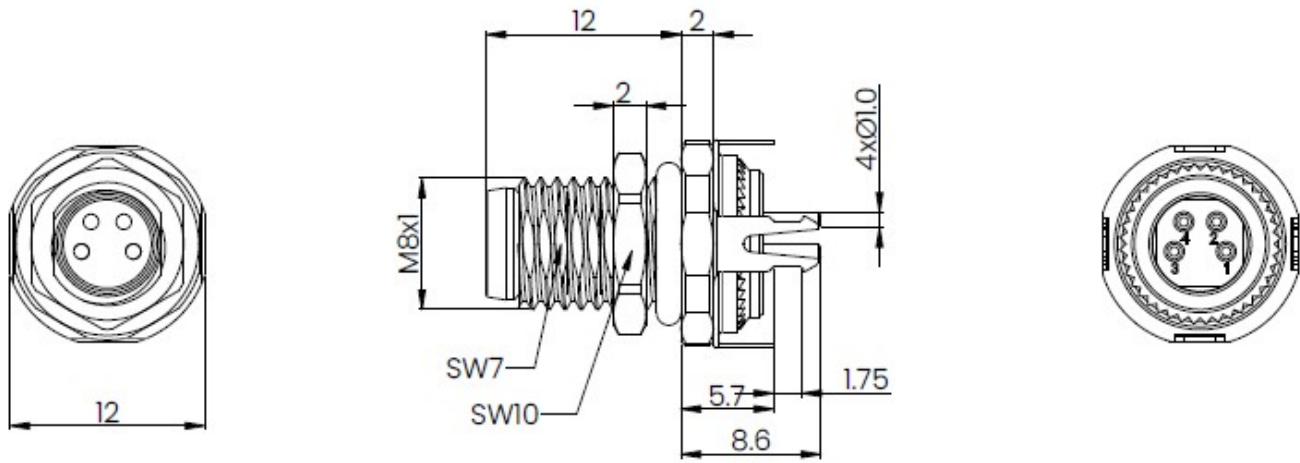
Environmental Specifications

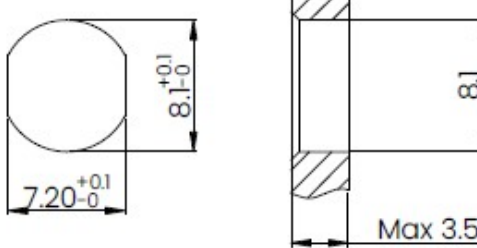
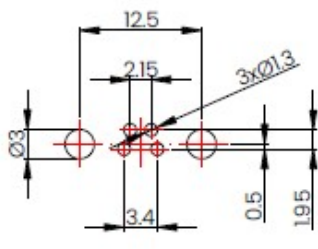
Temperature Range	-20°C to +85°C
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Material Specifications

Shell	PA66 UL94-V0, Black
Insulator	PA66 UL94-V0, Black
Contacts	Copper Alloy, Gold Plating
Sealing Ring	NBR, Black
Nut	Brass, Nickel Plating

Drawing



<p>Recommended Panel cut-out</p>  <p>Diagram showing the recommended panel cut-out dimensions. The front view shows a circular cutout with a diameter of $7.20^{+0.1}_{-0}$ and a depth of $8.1^{+0.1}_{-0}$. The side view shows a depth of 8.1 and a maximum thickness of Max 3.5.</p>	<p>PCB Layout</p>  <p>Diagram showing the PCB layout dimensions. The overall width is 12.5. The distance between the center of the three contacts is 2.15. The diameter of each contact is $3 \times \text{Ø}1.3$. The distance from the center to the edge is 0.3. The distance from the center to the bottom edge is 3.4. The distance from the center to the top edge is 0.5. The total height is 1.95.</p>
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UNLESS OTHERWISE SPECIFIED
TOLERANCES FOR MILLIMETERS

ARE:

- 0.5 - 8mm ± 0.20 mm
- 8 - 30mm ± 0.25 mm
- 30 - 120mm ± 0.30 mm

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.