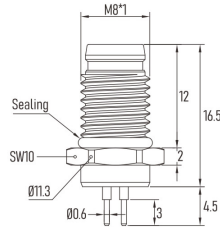# M8 3Pin male panel mount connector, PCB contacts, front side fastening

Please be informed that the data shown in this PDF document is generated from our Online Catalog for reference only, for detailed technical information please contact our sales!

Part No.: MB03P1LPAB
Contacts Poles: 03 Pin
Connector Gender: Male connector
Current Rating: 3 A
Keyway Coding: A-Coding
EMC Shielding: Un-shielded

Product data

Contacts Poles:	03 Pin	Connector Gender:	Male connector
Current Rating:	3 A	Voltage Rating:	60V
Keyway Coding:	A-Coding	EMC Shielding:	Un-shielded
Straight/ 90° Angled:	180° Straight	Contacts Termination:	PCB dip soldering
Temperature Rating:	-40°C ~ + 80°C	Contacts Material:	Brass, machined solid pin
Cable Flamability:	VW-1	Contacts Plating:	3μ" Gold plating thickness
Inserts:	TPU + GF	Sealing:	Epoxy resin
Housing/ Outer Shell:	Brass with nickel plasting	Locking Screws:	Brass with nickel plated
Contact Resistance:	≤5mΩ	Panel Cut Size:	M8x1.0
Insulation Resistance:	≥ 100 MΩ	Protection Degree:	IP 67, IP 69K
Pollution Degree:	III	Connector Flamability:	UL94 HB
Waterproof Depth:	IP67 1m depth 30 minutes, IP69K against high pressure/ steam jet	Plug Mating Life:	500 times
Warranty:	3-years quality guarantee period	Compliance:	RoHS compliant, REACH compliant
Reference Standard:	IEC 61076-2-104	Products Certification:	UL Certified, CUL Certified, CE/ EMC, IP67
Connector Type:	Panel mount receptacle		

Description

M8 connectors is a connector of 8mm metric size with thread locking mechanism, is one of the most commonly used connectors in factory automation, generally connecting with automation sensors in factory packaging and delivery system, outdoor LED module, security grating screen, and new energy signal control applications.

● 3 pin, 4 pin, 2P+2P, 5 pin, 6 pin, 8 pins available
● Custom cable specification and lengths, molded with PVC or PUR cable
● The receptacle counter part with PCB contacts or Solder type panel mount connectors
● Shielded, Oil-Resistant, Hydrolysis Resistant, UV-Resistant cable available
● Voltage rating: 60V, 30V
● Current rating: 4A, 3A, 1.5A
● IP67 protection degree
● Anti-vibration