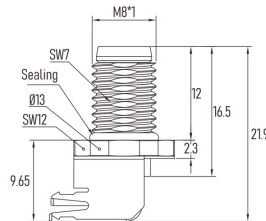


## M8 5Pin male panel mount connector, right angled PCB contacts, front fastening, with ground pin

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**Part No.:** MB05P1RPASB  
**Contacts Poles:** 05 Pin  
**Connector Gender:** Male connector  
**Current Rating:** 3 A  
**Keyway Coding:** A-Coding  
**EMC Shielding:** 360° fully shielded

### Product data

|                        |  |                         |  |
|------------------------|--|-------------------------|--|
| Contacts Poles:        | 05 Pin   | Connector Gender:       | Male connector                             |
| Current Rating:        | 3 A  | Voltage Rating:         | 30V  |
| Keyway Coding:         | A-Coding   | EMC Shielding:          | 360° fully shielded                        |
| Straight/ 90° Angled:  | 90° right angled   | 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 plating  | Locking Screws:         | Brass with nickel plated                   |
| Contact Resistance:    | ≤5mΩ   | Panel Cut Size:         | M8x0.5                                     |
| 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