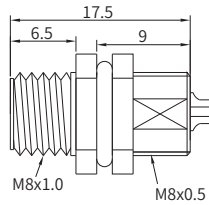
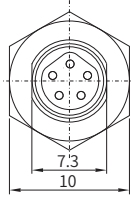


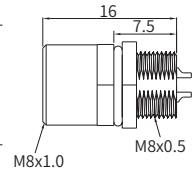
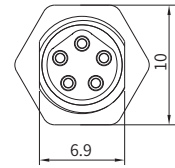
**M8 B-coding Straight Connector, Panel Mount, Solder, Rear fastened**

Male



CE RoHS IP67

Female



CE RoHS IP67

**Specifications**

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| Contacts               | 5                                                                         |
| Certification          | UL1875 CYJV(CYJV7).E321413                                                |
| Pin layout(Male)       |                                                                           |
| Pin layout(Female)     |                                                                           |
| Standard               | IEC 61076-2-104                                                           |
| Ambient temperature    | -15°C~+85°C (flexible installation), -30°C~+85°C (fixed installation)     |
| Customized temperature | -25°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation) |
| Connector insert       | TPU                                                                       |
| Connector contacts     | Brass with gold plated                                                    |
| Coupling nut/screw     | Brass with nickel plated                                                  |
| Seal/O-ring            | Epoxy resin / FKM                                                         |
| Insulation resistance  | ≥100MΩ                                                                    |
| Contact resistance     | ≤5mΩ                                                                      |
| Earth tag/pin          | Unavailable                                                               |
| IP rating              | IP67 in locked condition                                                  |
| Mating endurance       | >500 cycles                                                               |
| Rated current          | 3 A                                                                       |
| Rated voltage          | 30V AC / DC                                                               |
| Wire gauge             | 0.25mm² (AWG24)                                                           |
| Panel cut-out          | Refer to page 101                                                         |

**Part Number**

| Pins | wire length | Male               | Female             |
|------|-------------|--------------------|--------------------|
| 5    | 0.1m        | MB08MSBRF05ST-2501 | MB08FSBRF05ST-2501 |
|      | 0.3m        | MB08MSBRF05ST-2503 | MB08FSBRF05ST-2503 |

**Default wire colors**

| Pin No. |        |
|---------|--------|
| Pin 1   | Shield |
| Pin 2   | DR     |
| Pin 3   | WH     |
| Pin 4   | BK     |
| Pin 5   | BU     |