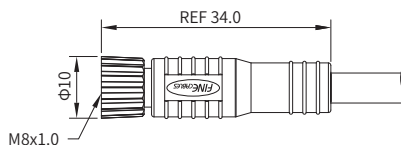


**M8 B-coding Straight Connector, Molded Cable, Plastic Nut**

Female



CE RoHS IP67

**Specifications**

| Contacts               | 5                                                                          |
|------------------------|----------------------------------------------------------------------------|
| Pin layout(Female)     |                                                                            |
| Standard               | IEC 61076-2-104                                                            |
| Ambient temperature    | -25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation) |
| Connector insert       | TPU                                                                        |
| Connector contacts     | Brass with gold plated                                                     |
| Connector overmold     | TPU                                                                        |
| Coupling nut/screw     | PA+GF                                                                      |
| Seal/O-ring(of Female) | FKM                                                                        |
| Insulation resistance  | ≥100MΩ                                                                     |
| Contact resistance     | ≤5mΩ                                                                       |
| Shielding              | 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)                                                            |

**Part Number**

| Pins | Cable length | Female             |                    |
|------|--------------|--------------------|--------------------|
|      |              | PVC                | PUR                |
| 5    | 1m           | MA08FBP05ST-10CB25 | MA08FBP05ST-10RB25 |
|      | 3m           | MA08FBP05ST-30CB25 | MA08FBP05ST-30RB25 |
|      | 5m           | MA08FBP05ST-50CB25 | MA08FBP05ST-50RB25 |

**Default wire colors**

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