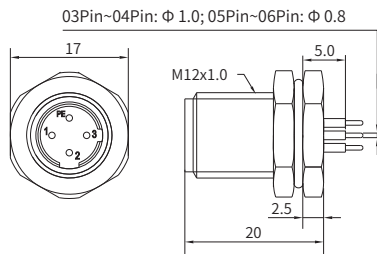


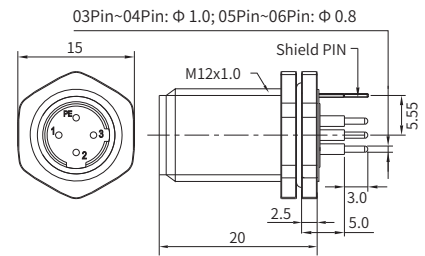
**M12 C-coding Straight Connector, Panel Mount, PCB Type, Front fastened**

Male Unshielded



CE RoHS IP68

Male Shielded



CE RoHS IP68

**Specifications**

| Contacts              | 3 (2+PE)                       | 4 (3+PE) | 5 (4+PE)  | 6 (5+PE)  |
|-----------------------|--------------------------------|----------|-----------|-----------|
| Certification         | cULus CYJV2(CYJV8).E321413     |          |           |           |
| Pin layout(Male)      |                                |          |           |           |
| Standard              | IEC 61076-2-101                |          |           |           |
| Ambient temperature   | -25°C ~ +90°C                  |          |           |           |
| 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/Available          |          |           |           |
| IP rating             | IP67, IP68 in locked condition |          |           |           |
| Mating endurance      | >500 cycles                    |          |           |           |
| Rated current         | 4 A                            |          | 2 A       |           |
| Rated voltage         | 250V AC/DC                     |          | 60V AC/DC | 30V AC/DC |
| Panel cut-out         | Refer to page 384              |          |           |           |
| PCB layout            | Refer to page 383              |          |           |           |

**Part Number**

| Pins | Male            |                  |
|------|-----------------|------------------|
|      | Unshielded      | Shielded         |
| 3    | MB12MBCFF03ST-0 | MB12MBCSFF03ST-0 |
| 4    | MB12MBCFF04ST-0 | MB12MBCSFF04ST-0 |
| 5    | MB12MBCFF05ST-0 | MB12MBCSFF05ST-0 |
| 6    | MB12MBCFF06ST-0 | MB12MBCSFF06ST-0 |