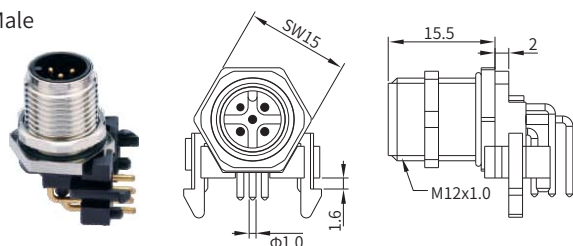


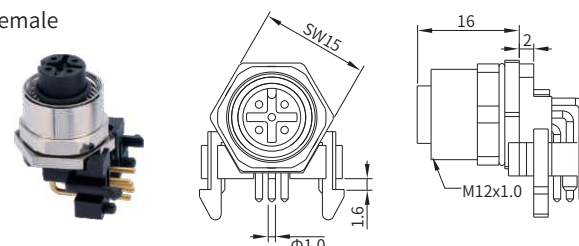
**M12 A-coding Angled Connector, Panel Mount, PCB Type, Front fastened**

Male



CE RoHS IP68

Female



CE RoHS IP68

**Specifications**

| Contacts              | 4                              | 5 | 8                         |
|-----------------------|--------------------------------|---|---------------------------|
| Certification         | cULus CYJV2(CYJV8).E321413     |   | cULus CYJV(CYJV7).E321413 |
| Pin layout(Male)      |                                |   |                           |
| Pin layout(Female)    |                                |   |                           |
| Standard              | IEC 61076-2-101                |   |                           |
| Ambient temperature   | -25°C ~ +90°C                  |   |                           |
| Connector insert      | PA+GF                          |   |                           |
| Connector contacts    | Brass with gold plated         |   |                           |
| Coupling nut/screw    | Brass with nickel plated       |   |                           |
| Seal/O-ring           | 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                            |   | 2A                        |
| Rated voltage         | 250V AC/DC                     |   | 30V AC/DC                 |
| Panel cut-out         | Refer to page 384              |   |                           |
| PCB layout            | Refer to page 384              |   |                           |

**Part Number**

| Pins | Male            |                  | Female          |                  |
|------|-----------------|------------------|-----------------|------------------|
|      | Unshielded      | Shielded         | Unshielded      | Shielded         |
| 4    | MB12MBAFF04RA-0 | MB12MBSAFF04RA-0 | MB12FBAFF04RA-0 | MB12FBSAFF04RA-0 |
| 5    | MB12MBAFF05RA-0 | MB12MBSAFF05RA-0 | MB12FBAFF05RA-0 | MB12FBSAFF05RA-0 |
| 8    | MB12MBAFF08RA-0 | MB12MBSAFF08RA-0 | MB12FBAFF08RA-0 | MB12FBSAFF08RA-0 |