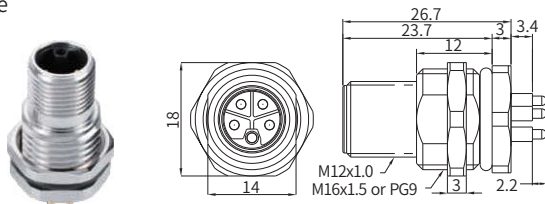
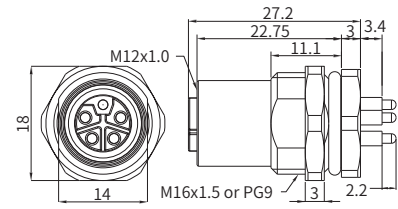


**M12 L-coding Straight Connector, Panel, PCB Type, Front fastened**

Male



Female



**Specifications**

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| Contacts              | 5(4+PE)                                                                                               |
| Certification         |  PVVA(PVVA7).E496340 |
| Pin layout(Male)      |                      |
| Pin layout(Female)    |                      |
| Standard              | IEC 61076-2-111                                                                                       |
| Ambient temperature   | -40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)                                |
| Connector insert      | PA                                                                                                    |
| 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                                                                                           |
| IP rating             | IP67, IP68 in locked condition                                                                        |
| Mating endurance      | >500 cycles                                                                                           |
| Rated current         | 16 A                                                                                                  |
| Rated voltage         | 63V                                                                                                   |
| Panel cut-out         | Refer to page 384                                                                                     |
| PCB layout            | Refer to page 383                                                                                     |

**Part Number**

| Pins | Male            |                 | Female          |                 |
|------|-----------------|-----------------|-----------------|-----------------|
|      | M16x1.5         | PG9             | M16x1.5         | PG9             |
| 5    | MB12MBLFF05ST-2 | MB12MBLFF05ST-3 | MB12FBLFF05ST-2 | MB12FBLFF05ST-3 |