

M12 Adaptor

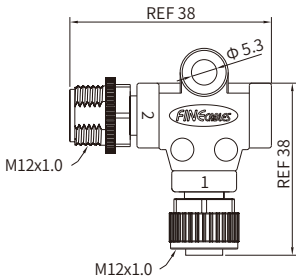


M12 L-Adaptor, Male-Female

Fix screw



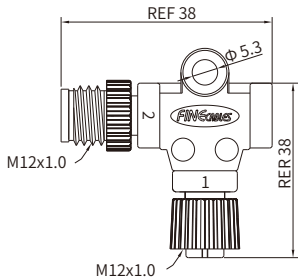
RoHS



Plastic fix screw



RoHS



Specifications

| Contacts                      |   | 3                                    | 4 | 5 | 8         |
|-------------------------------|---|--------------------------------------|---|---|-----------|
| Pin layout<br>(Male / Female) | A |                                      |   |   |           |
|                               | B |                                      |   |   |           |
|                               | D |                                      |   |   |           |
| Standard                      |   | IEC 61076-2-101                      |   |   |           |
| Ambient temperature           |   | -25°C ~ +85°C                        |   |   |           |
| Connector insert              |   | TPU; PA                              |   |   |           |
| Connector contacts            |   | Brass with gold plated               |   |   |           |
| Coupling nut/screw            |   | Zinc alloy with nickel plated; PA+GF |   |   |           |
| Connector overmold            |   | TPU                                  |   |   |           |
| Seal/O-ring                   |   | FKM                                  |   |   |           |
| Insulation resistance         |   | ≥100MΩ                               |   |   |           |
| Contact resistance            |   | ≤5mΩ                                 |   |   |           |
| Shielding                     |   | Unavailable                          |   |   |           |
| IP rating                     |   | IP67, IP68 in locked condition       |   |   |           |
| Mating endurance              |   | >500 cycles                          |   |   |           |
| Rated current                 |   | 4 A                                  |   |   | 2 A       |
| Rated voltage                 |   | 250V AC/DC                           |   |   | 30V AC/DC |

Part Number

| Pins | Male-Female |                   |
|------|-------------|-------------------|
|      | Fix screw   | Plastic fix screw |
| 3    | ML-A03      | MLP-A03           |
|      | ML-B03      | MLP-B03           |
| 4    | ML-A04      | MLP-A04           |
|      | ML-B04      | MLP-B04           |
|      | ML-D04      | MLP-D04           |
| 5    | ML-A05      | MLP-A05           |
|      | ML-B05      | MLP-B05           |
| 8    | ML-A08      | MLP-A08           |

Circuit diagram

|      |        |      |        |      |        |      |        |
|------|--------|------|--------|------|--------|------|--------|
| Male | Female | Male | Female | Male | Female | Male | Female |
| 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |
| 3    | 3      | 3    | 3      | 3    | 3      | 3    | 3      |
|      |        | 4    | 4      | 4    | 4      | 4    | 4      |
|      |        |      |        | 5    | 5      | 5    | 5      |
|      |        |      |        |      |        | 6    | 6      |
|      |        |      |        |      |        | 7    | 7      |
|      |        |      |        |      |        | 8    | 8      |