


M12 Female Molded Terminator

The catalog is for reference only. The actual specifications are subject to the product engineering drawings. version 1.0

## Connector Series: M12

| | |
|---|---|
| Gender | Female |
| Coding | A,B,C,D |
| Locking Type | Fix Screw |
| Mounting Type | Straight |
| Part No | M12-X**-ST0-F02-BMT |

## Technical Data

| | |
|---|---|
| Standard | IEC61076-2-101 |
| Ambient Temperatur | -25℃~+90℃ |
| Insulation Resistance | ≥100MΩ |
| Contact Resistance | ≤5mΩ |

| | |
|---|---|
| IP Class | IP67 |
| Mating Endurance | >100 Mating Cycles |

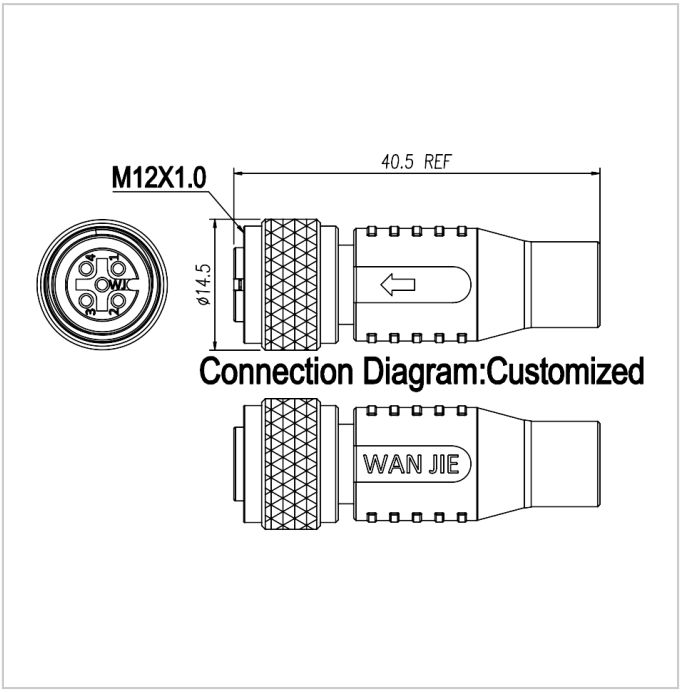
## Material Data

| | |
|---|---|
| Connector Carriers | PA |
| Connector Contacts | Copper Alloy With Gold Plated |
| Connector Nut/Screw | Copper Alloy With Nickel Plated |
| Shielding | Unshielded |
| Connector Overmold | TPU |
| Seal/O-Ring | KFM |

## Electrical Data & Mechanical Date

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Contacts Pin [Pins] | 3 | 4 | 5 | 6 | 8 | 12 | 17 |
| Rated Current [A] | 4 | 4 | 4/2(C-code) | 2 | 2 | 1.5 | 1.5 |
| Voltage AC/DC [V] | 250/250 | 250/250 | 60/60 | 30/30 | 30/30 | 30/30 | 30/30 |

## Dimensions


M12X1.0
40.5 REF
Ø14.5
Connection Diagram:Customized
WAN JIE