


M12 Female Molded Cables, Straight, Shielded

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**-ST2-F02-ZC*-XXX |

## Technical Data

| | |
|---|---|
| Standard | IEC61076-2-101 |
| Ambient Temperatur | -25℃~+80℃ |
| Insulation Resistance | ≥100MΩ |
| Contact Resistance | ≤5mΩ |

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

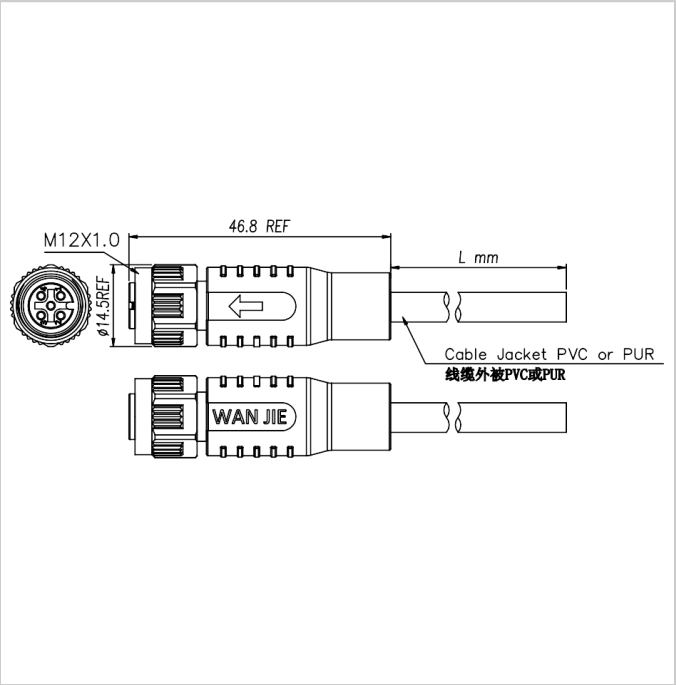
## Material Data

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

## Electrical Data & Mechanical Date

| Contacts Pin [Pins] | 3 | 4 | 5 | 6 | 8 | 12 | 17 |
|---|---|---|---|---|---|---|---|
| Rated Current [A] | 4 | 4 | 4/2 | 2 | 2 | 1.5 | 1.5 |
| Voltage AC/DC [V] | 250/250 | 250/250 | 60/60 | 30/30 | 30/30 | 30/30 | 30/30 |
| Wire Range AWG/mm² | 22/0.34 | 22/0.34 | 22,24/0.34,0.25 (C-code) | 24/0.25 | 24/0.25 | 26/0.14 | 26/0.14 |
| Cable Jacket | PUR/PVC | | | | | | |

## Dimensions


M12X1.0
46.8 REF
L mm
ø14.5REF
Cable Jacket PVC or PUR
线缆外被PVC或PUR
WAN JIE