


M12 Female Molded Cables,X Coding, Straight

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 | X |
| Locking Type | Fix Screw |
| Mounting Type | Straight |
| Part No | M12-X**-ST0-F02-BC*-XXX |

## Technical Data

| | |
|---|---|
| Standard | IEC61076-2-109 |
| Ambient Temperatur | -25℃~+80℃ |
| Insulation Resistance | ≥100MΩ |
| Contact Resistance | ≤5mΩ |

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

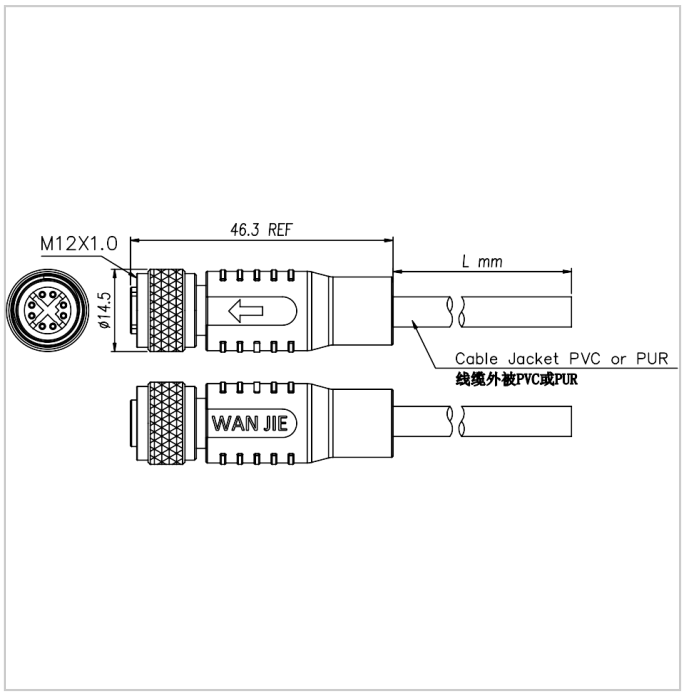
## Material Data

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

## Electrical Data & Mechanical Date

| | |
|---|---|
| Auailable Coding | X-Coding |
| Contacts Pin （Pins） | 08 |
| Rated Current [A] | 0.5 |
| Rated Voltage [V][AC/DC] | 50/60 |
| Wire Range AWG/mm² | 26-24/0.14-0.25 |
| Cable Jacket | PUR/PVC |

## Dimensions


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