

M12 Male Panel Mount, Solder Type, Square Flange Type, With Wires

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

## Connector Series: M12

| | |
|---|---|
| Gender | Male |
| Coding | A,B,C,D |
| Locking Type | Fix Screw |
| Mounting Type | Flange Type |
| Part No | M12-X**-ST0-M02-BQ0-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 |

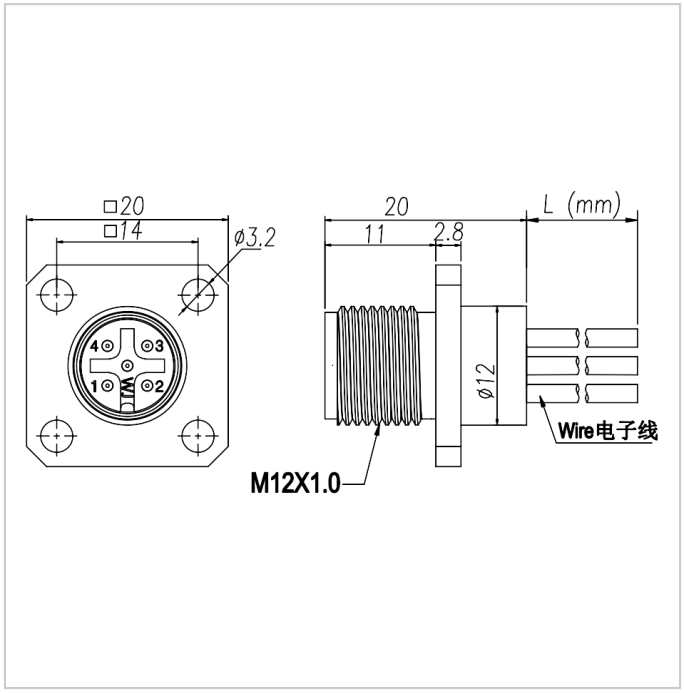
## Material Data

| | |
|---|---|
| Connector Carriers | PA |
| Connector Contacts | Copper Alloy With Gold Plated |
| Connector Nut/Screw | Copper Alloy With Nickel Plated |
| Shielding | Unshielded |
| Seal/O-Ring | NA |
| Contacts Termination | Solder Type |

## 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 |

## Dimensions




## Accessories



M12-X**-ST0-F02-BC*-XXX



M12-X**-RA0-F02-BC*-XXX



M12-X**-ST2-F02-BC*-XXX



M12-X**-RA2-F02-BC*-XXX



M12-X**-ST0-F02-BC*-XXX



M12-X**-ST0-F02-BC*-XXX







M12-X**-ST0-F02-BV*-XXX



M12-X**-ST0-F02-BFM



M12-X**-ST2-M02-BF*



M12-X**-ST0-F02-BMT



M12-X**-ST0-F02-SC*-XXX



M12-X**-RA0-F02-SC*-XXX



M12-X**-ST2-F02-SC*-XXX



M12-X**-ST0-F02-SV*-XXX



M12-X**-ST0-F04-PS*



M12-X**-RA0-F04-PS*



M12-X**-ST2-F04-BS*



M12-X**-RA2-F04-BS*

