



M12 Female Panel Mount, Solder Type, Front Fastened, With Cable 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 | Front Fastened |
| Part No | M12-X**-ST2-F02-BQ*-XXX |

Technical Data

| | |
|-----------------------|----------------|
| Standard | IEC61076-2-101 |
| Ambient Temperatur | -25°C~+80°C |
| 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 | Shielding |
| Seal/O-Ring | FKM |
| 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/mm ² | 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

M12-X**-ST2-F02-BQ*-XXX

M12 Circular Connector

Download Date:2026-06-30

