



Female Straight Field Assemble, Terminal
Locking Screw Type, 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,D |
| Locking Type | Fix Screw |
| Mounting Type | Field Assemble |
| Part No | M12-X**-ST2-F04-BS* |

Technical Data

| | |
|-----------------------|--------------|
| Standard | IEC61076 |
| Ambient Temperatur | -25°C~+105°C |
| Insulation Resistance | ≥100MΩ |
| Contact Resistance | ≤5mΩ |

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

M12 Circular Connector

Download Date:2026-07-07



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

Material Data

| | |
|----------------------|---------------------------------|
| Connector Carriers | Copper Alloy With Nickel Plated |
| Connector Contacts | Copper Alloy With Gold Plated |
| Connector Nut/Screw | Copper Alloy With Nickel Plated |
| Seal/O-Ring | FKM |
| Shielding | Shielded |
| Contacts Termination | Terminal Locking Screw |

Electrical Data & Mechanical Date

| | | | | |
|--------------------------------|---------|---------|---------|---------|
| Contacts Pin [Pins] | 3 | 4 | 5 | 8 |
| Rated Current [A] | 4 | 4 | 4 | 2 |
| Voltage AC/DC [V] | 250/250 | 250/250 | 60/60 | 30/30 |
| Wire Range AWG/mm ² | 22/0.34 | 22/0.34 | 22/0.34 | 24/0.25 |

Dimensions

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