



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℃~+105℃ |
| Insulation Resistance | ≥100MΩ     |
| Contact Resistance    | ≤5mΩ       |

|                  |                    |
|------------------|--------------------|
| 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 Data

|                                |         |         |         |         |
|--------------------------------|---------|---------|---------|---------|
| 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 <sup>2</sup> | 22/0.34 | 22/0.34 | 22/0.34 | 24/0.25 |

## Dimensions

# M12-X\*\*-ST2-F04-BS\*

M12 Circular Connector

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