





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 | S,T,K,L,M |
| Locking Type | Fix Screw |
| Mounting Type | Front Screw |
| Part No | M12-X**-ST0-F03-BQ*-XXX |

Technical Data

| | |
|-----------------------|----------------|
| Standard | IEC61076-2-111 |
| 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 | Unshielded |
| Seal/O-Ring | FKM |
| Contacts Termination | Crimping Type |

Electrical Data & Mechanical Date

| | | | | | |
|--------------------|--|--------|--------|--------|--------|
| Available Coding | S-Coding T-Coding K-Coding L-Coding M-Coding | | | | |
| Rated Current [A] | 16(03Pin), 12(04Pin) | 12 | 12 | 16 | 8 |
| Rated Voltage [V] | 630 | 63 | 630 | 63 | 630 |
| Wire Range AWG/mm² | 16/1.5 | 16/1.5 | 16/1.5 | 16/1.5 | 18/1.0 |

Dimensions

