

M8 Female Molded Cables, Straight



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

Connector Series: M8

|               |                         |
|---------------|-------------------------|
| Gender        | Female                  |
| Coding        | A , B                   |
| Locking Type  | Fix Screw               |
| Mounting Type | Straight                |
| Part No       | M08-A**-ST0-F02-SC*-XXX |

Technical Data

|                       |                |
|-----------------------|----------------|
| Standard              | IEC61076-2-104 |
| 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 | Stainless steel               |
| Shielding           | Shielded /Unshielded          |
| Connector Overmold  | TPU                           |

## Electrical Data & Mechanical Date

|                      |         |         |         |         |         |
|----------------------|---------|---------|---------|---------|---------|
| Contacts Pin [Pins]  | 3       | 4       | 5       | 6       | 8       |
| Rated Current [A]    | 3       | 3       | 3       | 1.5     | 1.5     |
| Voltage AC/DC [V]    | 50/60   | 50/60   | 30/30   | 30/30   | 30/30   |
| Wire Range [AWG/mm²] | 24/0.25 | 24/0.25 | 24/0.25 | 26/0.14 | 26/0.14 |
| Cable Jacket         | PUR/PVC |         |         |         |         |

## Dimensions

