



M8 Male Overmolded Cable, Single-ended,  
Unshielded, Straight

### Basic Information

|                     |                                   |
|---------------------|-----------------------------------|
| Series              | M8                                |
| Contact Type        | Male                              |
| Number of Positions | 3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin |
| Coding              | A, B                              |
| Color               | Black/Customized                  |
| Contact Termination | Solder Cup                        |

### Electrical Specification

|                       |                          |
|-----------------------|--------------------------|
| Contact Resistance    | $\leq 5\text{M}\Omega$   |
| Insulation Resistance | $\geq 100\text{M}\Omega$ |
| Rated Current         | 3A                       |
| Rated Voltage         | 50V AC/60V DC            |

### Material Specification

|                      |                           |
|----------------------|---------------------------|
| Insulation Material  | PA66+GF                   |
| Cable Material       | PVC/PUR/Customized        |
| Contact Finish       | Gold                      |
| Contact Material     | Brass                     |
| Overmolding Material | PVC/TPU                   |
| Screw Nut Material   | Nickel Plated, Zinc Alloy |
| Seal                 | FKM                       |
| Wire Gauge           | 24AWG/0.25mm <sup>2</sup> |

### Environmental Specification

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -25°C ~ +80°C |
| Ingress Protection    | IP67(Mated)   |

### Mechanical Specification

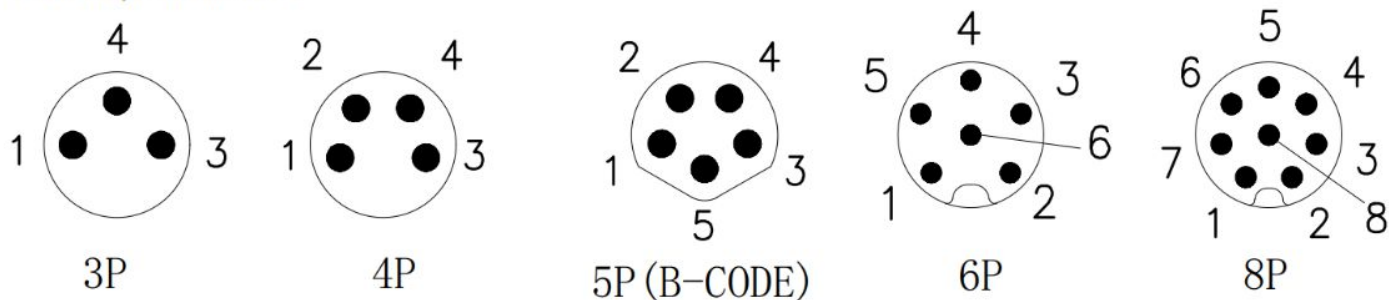
|            |      |
|------------|------|
| Durability | ≥500 |
|------------|------|

### electronic\_specification

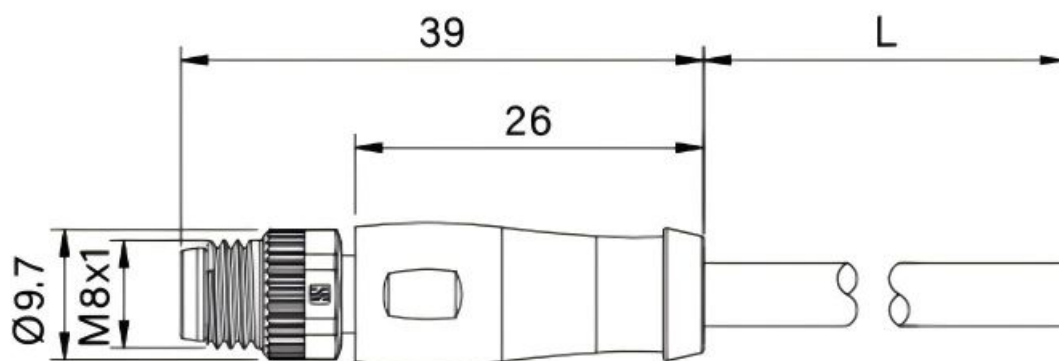
|           |            |
|-----------|------------|
| Shielding | Unshielded |
|-----------|------------|

### Contact Layout

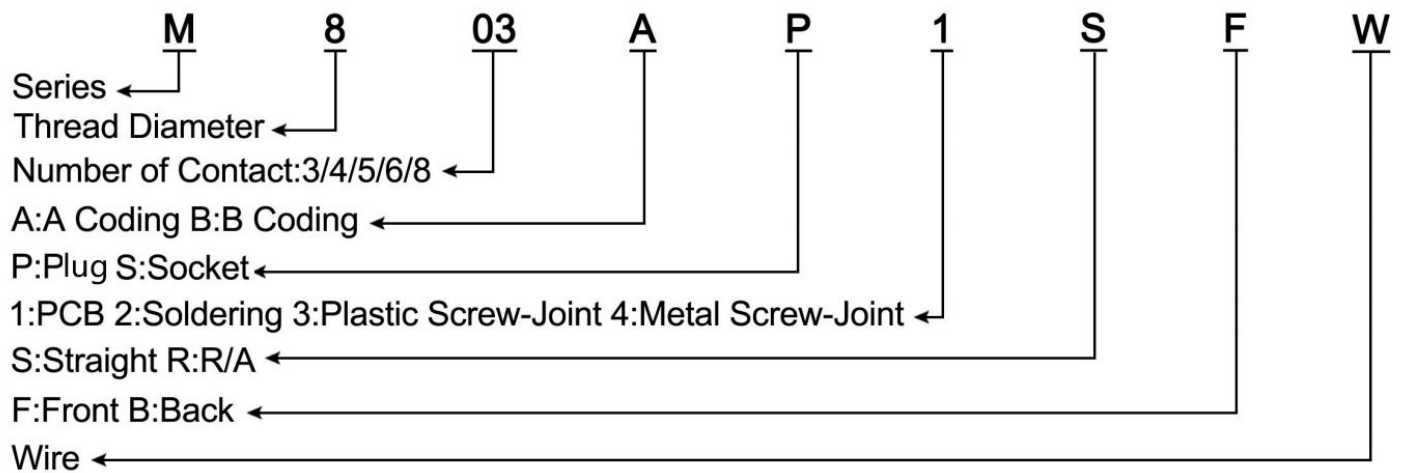
Pin Layout (male):



### Size



## How to Order



### Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.