

## M5 Female Connector A Coding Straight Molded Cable

M5 connection cable is mainly used in Robots, Servo motor, controller, Encoder, Man-machine Interface Industrial Robots. It is safe, fast and easy to insert and extract.



**Products Type:** M5 Circular Connector

**Contact Body Type:** Female

**Coding Type:** A Coding

**Plug Type:** Straight

**Contacts:** 3, 4 pins

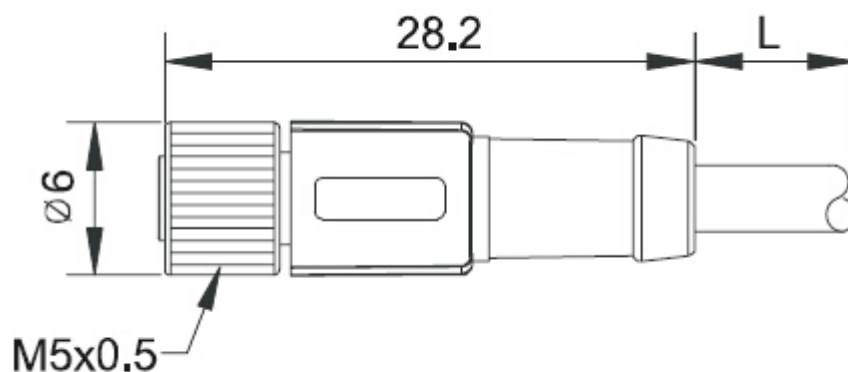
**Installation Method:** Screw Front Mount

**Part Number:**

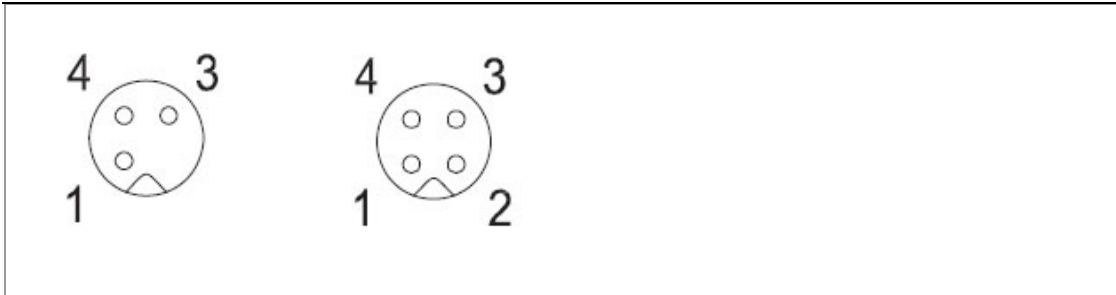
M5-F-A-S-03 (3 pin)

M5-F-A-S-04 (4 pin)

### Dimension Drawing



The hole place arranges(Comply with the needle direction)



### Material and specifications

Coupling	Threaded coupling
Shell material	Brass nickle plated
Insert material	PA66+30 %GF
Contact material	copper(silverplated/gold)
Termination	Soldering
Mating cycle	500
Cable diameter	-25℃ ~+85℃
Cable diameter	≤ φ3.3mm

### Specification

Number of Contacts	3	4
Rated Voltage	60V	
Rated Current	1A	
Contact Resistance	<5mΩ	

Document No. M5-F-A-S-EN

Insulation Resistance	>100MΩ
Pollution Degree	3
Temperature Range	-20°C to +85°C
Degree of Protection	IP67 when mated
Mating Times	100 cycles
Nom Pin φ	0.48±0.03
Wire Gauge	26AWG
Cable Jacket	PVC or PUR
Material of Housing	Brass Nickel Plated
Material of Insertion	PA66+GF UL94V-0
Material of Contact	Male Brass/Female Phosphor Bronze ,Gold Plated