# M12 Circular Connector

**KATLAX** ®
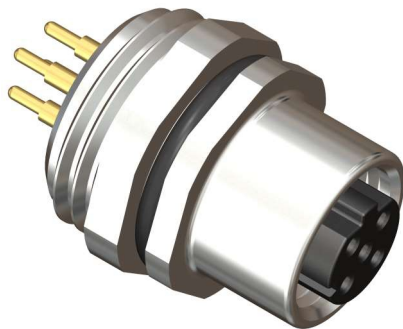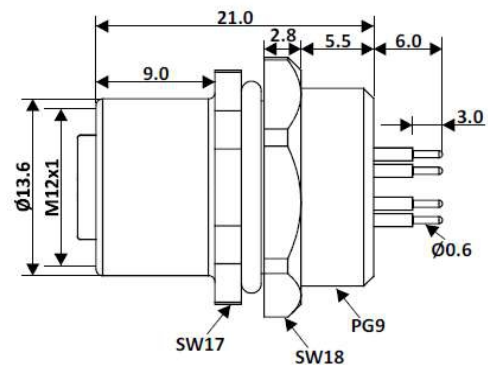future sense

## M12 D-Coded Female 4 Pin Front PCB Mountable Connector

### Product Image



Product may differ from image.

### Product Diagram



All dimensions are in mm.

### General Specification

| | |
|---|---|
| Rated Operational Voltage | 250 V |
| Current Rating | 4A |
| Insulation Resistance | >= 100 MΩ |
| Temperature Range | -25°C ... +75°C |
| Degree of Protection | IP67 |
| Coding | D-Coded |
| Mounting | Front |

### Material Specification

| | |
|---|---|
| Housing Material | Brass Ni Plated |
| Contact | Cu-Zn |
| Contact Plating | Gold Flash |
| Contact Carrier | Nylon 66 |
| O-Ring | Neoprene |
| Pole | 4 |
| Clamp Nut | PG9 |
| Termination | Solderable Pins |
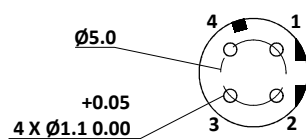
### Pin Assignment
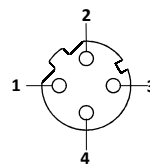


### Specification & Approval

| | |
|---|---|
| RoHS | Compliant with Exemption |
| RoHS exemption | 6©: Copper alloy containing up to 4 % lead by weight |
| REACH SVHC substances | Yes |
| REACH SVHC substances | CAS 7439-92-1 (Lead) |
| CE | Yes |
| Standard | IEC 61076-2-101 |

### PCB Layout



### Panel Cutout
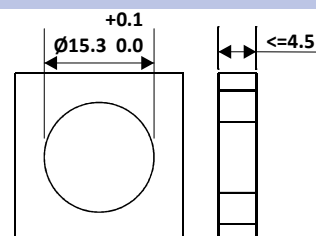


### Ordering Part No.

Part Number : CPF12-FPBR4-S0-D