

## M12-Receptacle Connectors In Accordance With IEC 61076-2-101

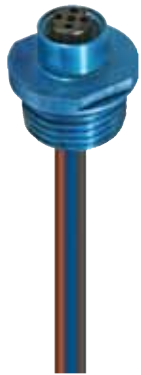
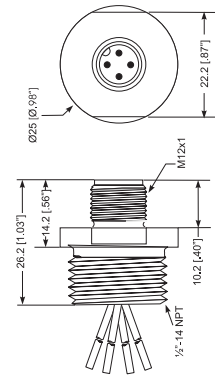
RSF 1/2-14 | RKF 1/2-14



### Male, 3-, 4-, 5- and 8-Pole

Receptacle, 3-, 4-, 5- and 8-pole, male, M12 for front mounting, 24 and 22 AWG, panel mount thread 1/2"-14 NPT.

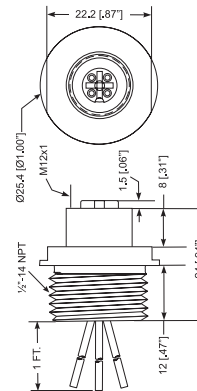
RSF 1/2-14



### Female, 3-, 4-, 5- and 8-Pole

Receptacle, 3-, 4-, 5- and 8-pole, female, M12 for front mounting, 24 and 22 AWG, panel mount thread 1/2"-14 NPT.

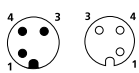
RKF 1/2-14



### Pin Assignments

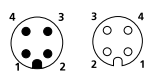
Face Views / M12, Male / Female

#### 3 pole



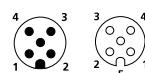
1 = brown  
2 = n.c.  
3 = blue  
4 = black

#### 4 pole



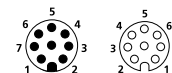
1 = brown  
2 = white  
3 = blue  
4 = black

#### 5 pole



1 = brown  
2 = white  
3 = blue  
4 = black  
5 = grey

#### 8 pole



1 = white  
2 = brown  
3 = green  
4 = yellow  
5 = grey  
6 = pink  
7 = blue  
8 = red



Be Certain with Belden

**M12-Receptacle Connectors In Accordance With IEC 61076-2-101**  
 RSF 1/2-14 | RKF 1/2-14

**Technical Data**

**Environmental**









Degree of protection IP 67 / NEMA 6P  
 Operating temperature range -25°C (-13°F) / +90°C (+194°F)

**Mechanical**

Housing Aluminum, blue anodized  
 Insert PUR, black (female)  
 3-, 4- and 5-Pole: Nylon, black (male),  
 8-Pole: PUR, orange (male)  
 Contact Brass, gold over nickel-plated  
 Mounting 1/2" 14-NPT

**Electrical**

Nominal current 3-, 4- and 5-Pole: 4 A  
 8-Pole: 1.5 A  
 Voltage rating 3-, 4- and 5-Pole: 250 V  
 8-pole: 30 V AC / 36 V DC

| Part Number       |                     | Pins | Lengths   | Characteristics   |
|-------------------|---------------------|------|-----------|---|
| RSF 3-1/2-14/0.5M | RKF 4-3-1/2-14/0.5M | 3    | 0.5M      |   |
| RSF 4-1/2-14/0.5M | RKF 4-1/2-14/0.5M   | 4    | 0.5M / 1F |   |
| RSF 5-1/2-14/0.5M | RKF 5-1/2-14/0.5M   | 5    | 0.5M      |   |
| RSF 8-1/2-14/0.5M | RKF 8-1/2-14/0.5M   | 8    | 0.5M      |   |

Receptacles