

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

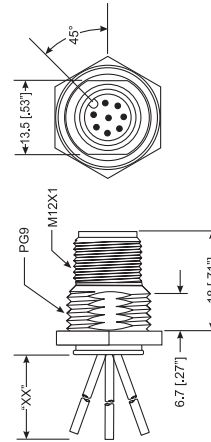
RSF S3103 | RKF S3103



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

Receptacle, 3-, 4-, 5- and 8-pole, male, M12 for back mounting, 24 and 22 AWG, panel mount thread PG9.

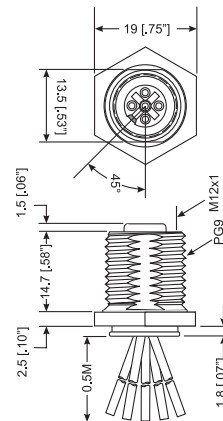
RSF S3103



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

Receptacle, 3-, 4-, 5- and 8-pole, female, M12 for back mounting, 24 and 22 AWG, panel mount thread PG9.

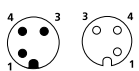
RKF S3103



**Pin Assignments**

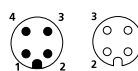
Face Views / M12, Male / Female

**3 pole**



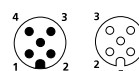
- 1 = brown
- 2 = n.c.
- 3 = blue
- 4 = black

**4 pole**



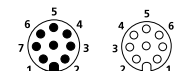
- 1 = brown
- 2 = white
- 3 = blue
- 4 = black

**5 pole**



- 1 = brown
- 2 = white
- 3 = blue
- 4 = black gray
- 5 = gray

**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 S3103 | RKF S3103

### Technical Data

#### Environmental

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

#### Mechanical

Housing Brass, nickel-plated  
 Insert PUR, black (female)  
 3-, 4- and 5-Pole: Nylon, black (male)  
 8-Pole: PUR, black (male)  
 Contact Brass, gold over nickel-plated

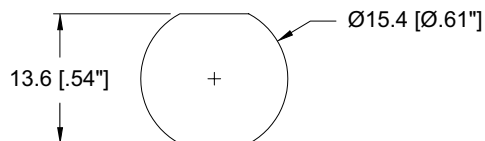
#### Electrical







Current rating 3-5 Pole: 4 A  
 8 Pole: 1.5 A  
 Voltage rating 3-4 Pole: 250 V  
 5 Pole: 60V  
 8 Pole: 30 V / 36 V DC

#### Accessories

Panel nut (RSKF 9)

### Recommended Panel Cutout



Part Number	Pins	Characteristics
RSF 3-S3103/0.5 M    RKF 4-3-S3103/0.5 M	3	 
RSF 4-S3103/0.5 M    RKF 4-S3103/0.5 M	4	 
RSF 5-S3103/0.5 M    RKF 5-S3103/0.5 M	5	 
RSF 8-S3103/0.5 M    RKF 8-S3103/0.5 M	8	