

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

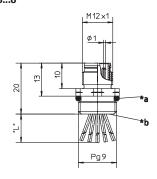
#### RSF 3...8 | RKF 3...8



#### 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 PG9.

#### RSF 3...8

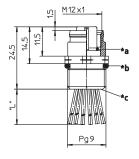




## Female, 3-, 4-, 5- and 8-Pole

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

#### **RKF 3...8**





#### **Pin Assignments**

#### Face Views / M12, Male / Female

3 pole







4 pole





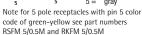


5 pole









#### 8 pole







# ceptacles

# Be Certain with Belden



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

RSF 3...8 | RKF 3...8

#### **Technical Data**

**Environmental** 

Degree of protection IP 67 / NEMA 6P

Operating temperature range  $-40^{\circ}\text{C} (-40^{\circ}\text{F}) / +90^{\circ}\text{C} (+194^{\circ}\text{F})$ 

Mechanical

Housing Brass, nickel-plated Insert PUR, black (female)

3-, 4- and 5-Pole: Nylon (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

Accesories Panel nut (RSKF 9)

| Part Number |              | Pins | Characteristics |
|-------------|--------------|------|-----------------|
| RSF 3/0.5M  | RKF 4-3/0.5M | 3    |                 |
| RSF 4/0.5M  | RKF 4/0.5M   | 4    |                 |
| RSF 5/0.5M  | RKF 5/0.5M   | 5    |                 |
| RSF 8/0.5M  | RKF 8/0.5M   | 8    | <b>90.</b>      |