

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

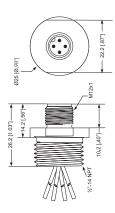
## RSF 1/2-14 | RKF 1/2-14 | RKF 4-1/4NPT



## 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.

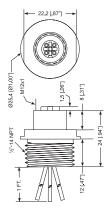
### RSF 1/2-14



### 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



4 3

4 pole

300

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

3000

1 = brow 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 | RKF 4-1/4NPT

### **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

### **Technical Data**

**Environmental** 

Degree of protection IP 68 / NEMA 6P

Operating temperature range -25°C (-13°F) / +90°C (+194°F)

Materials

Shell Brass, nickel plated

Contacts Copper alloy, gold over nickel plated

Insert Polyurethane, black

O-ring Viton

Locknut Steel, zinc plated

Electrical

Current rating 4A Voltage rating 250 V

**Wire Specifications** 

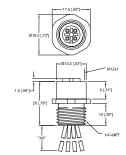
Conductors 22 AWG, stranded copper

Wire insulation UL recognized 300 V, PVC insulation

## Male, 4-Pole

Receptacle, 4-pole, Female, M12 for front mounting, 22 AWG, panel mount thread 1/4"-NPT.

RKF 4-1/4NPT



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		
	RKF 4-1/4NPT/0.5M		0.5M		
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		