

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



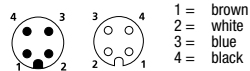
Pin Assignments

Face Views / M12, Male / Female

3 pole



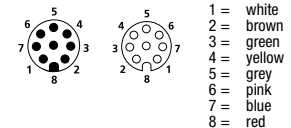
4 pole



5 pole



8 pole





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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	
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

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

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