



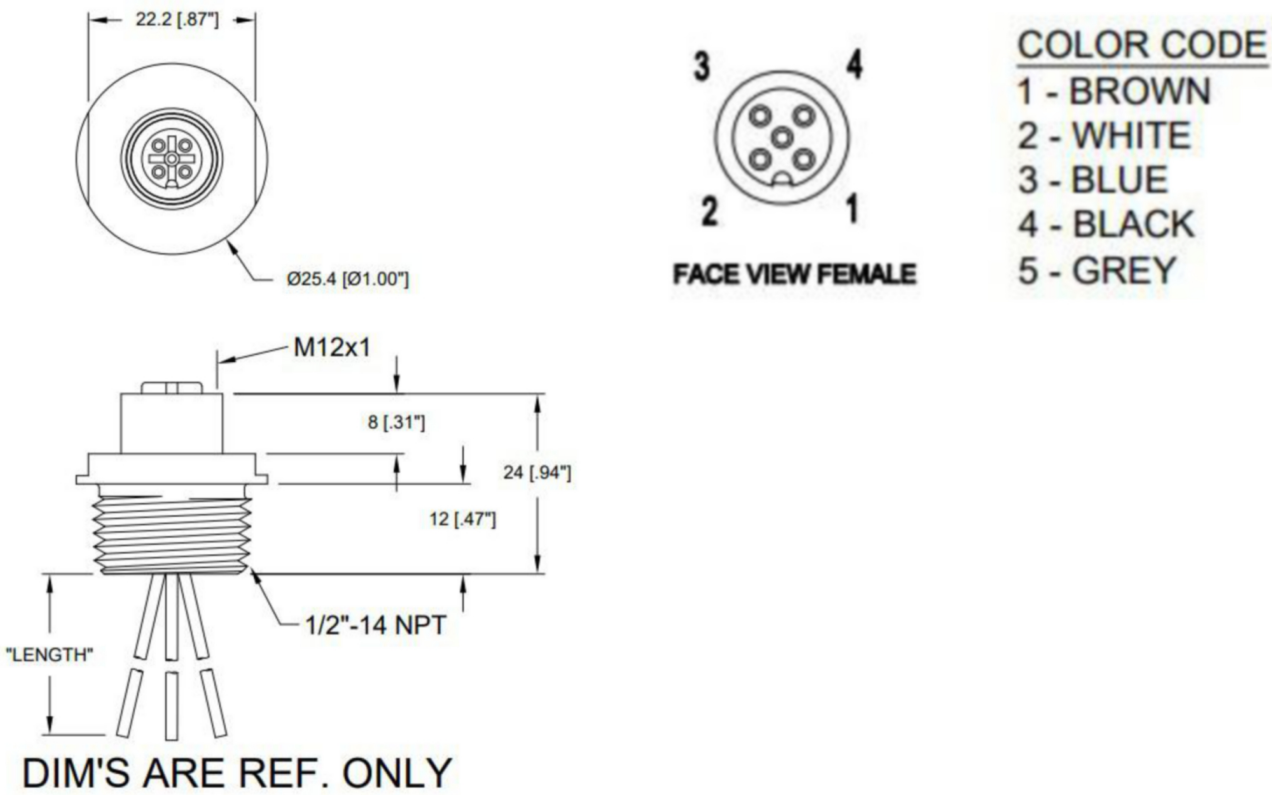
**Product:** [RKF 5-1/2-14](#)

M12 standard sensor/actuator receptacle connector, front mounting, female 5-pin, A-coding, 22 AWG, 5 stranded wires

**Product Description**

M12 standard sensor/actuator receptacle connector, front mounting, female 5-pin, A-coding, 22 AWG, 5 stranded wires

**Technical Drawing**



**Technical Specifications**

**Technical Data**

Product Family:	Sensor / Actuator Connectors
Product Sub Family:	M12 Standard
Mating Side:	M12
Connecting Side:	Stranded Wires
Brand:	Lumberg Automation
Connector Type:	Receptacle
Type of Contact / Gender:	Female
Connector Design:	Front Mount
Number of Pins:	5

Coding:	A
Rated Voltage:	250 V
Rated Voltage (UL):	250 V
Operating Voltage:	250 V
Rated Current*:	4 A
Rated Current (UL)*:	4 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	-25°C (-13°F) / +90°C (+194°F)
Protection Degree / IP Rating**:	IP 67
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

### Materials

Contact Base Material:	Copper alloy, gold over nickel plated
Contact Plating:	Brass, Nickel Plated
Contact Bearer Material:	PUR
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Housing Material:	Aluminum
Housing Plating:	Anodized
Housing Color:	Blue
Attachment Material:	Steel
Attachment Plating:	Zinc
O-Ring Material:	Viton

### Additional Technical Data

Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
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### Cable Data

Conductor Size:	22 AWG
Number of Wires:	5
Conductor material:	Cu
Wire Insulation Material:	PVC
Core Colors:	Brown, White, Blue, Black, Grey

### Safety & Environmental Compliance

RoHS Compliant:	yes
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### Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	* only if mounted and locked in combination with Hirschmann / Lumberg connector. On the installation side tightness has to be assured by taking proper measures.

### Variants

Item #	Item Description	Cable Length
600000200	RKF 5-1/2-14/0.5M	0.5 m
600004835	RKF 5-1/2-14/2M	2 m
600005445	RKF 5-1/2-14/3M	3 m
600005584	RKF 5-1/2-14/4M	4 m
600005585	RKF 5-1/2-14/5M	5 m
600005586	RKF 5-1/2-14/6M	6 m
600005587	RKF 5-1/2-14/8M	8 m
600005588	RKF 5-1/2-14/10M	10 m

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