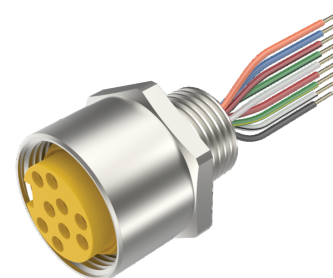
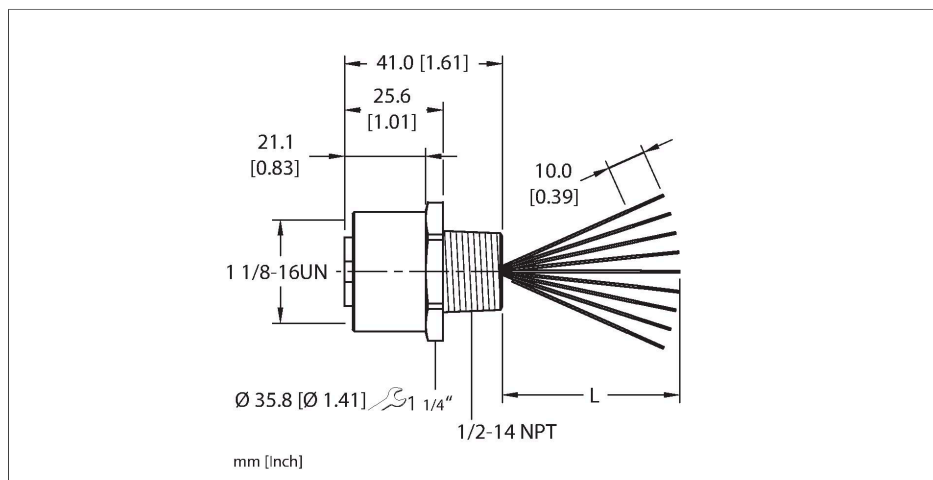


# RKF 96-xM/14.5/NPT

## Actuator and Sensor Receptacle – Front Mount



### Technical data

Type	RKF 96-xM/14.5/NPT
ID	777002147
Connector A	Female, 1 1/8"-16 UN
Number of contacts	9
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Housing material/finish	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 2 Nm (note max. torque of mating connector!)
Mounting orientation	Front mount
Mounting thread	1/2"-14 NPT
Receptacle mounting torque	3.5...10.2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Total number of conductors	9
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	16 AWG [Similar to 1.50 mm²]
Conductor colors	OG, BU, RD/BK, GN/BK, WH, RD, GN/YE, WH/BK, BK
Electrical properties at +20 °C	
Rated voltage	600 V

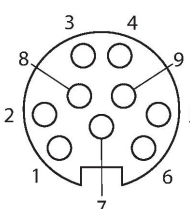
### Features



- Female 1 1/8" minifast Receptacle, 9 pin
- Mounting thread: 1/2"-14 NPT

### Contact assignment

Connector A



### Circuit Diagram

1	OG
2	BU
3	RD/BK
4	GN/BK
5	WH
6	RD
7	GN/YE
8	WH/BK
9	BK

## Technical data

Current	7 A
<b>Mechanical and chemical properties</b>	
Ambient temperature range (static)	-40 °C...+105 °C
Approvals	CE RoHS UL Listed
<b>Note</b>	
- We reserve the right to make technical alterations without prior notice.	

