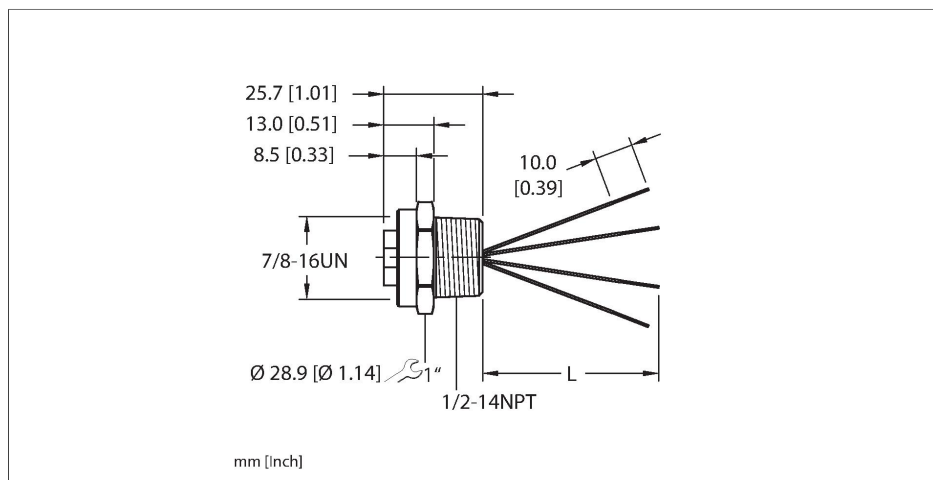


RKF 46-xM/NPT

Actuator and Sensor Receptacle – Front Mount



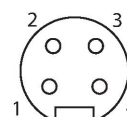
Features



- 7/8" minifast, Female, Receptacle, 4-pin
- Mounting thread: 1/2"-14 NPT

Contact assignment

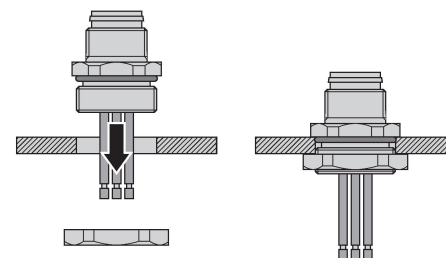
Connector A



Circuit Diagram



Front panel mounting



Technische Daten

Type	RKF 46-xM/NPT
ID	777002972
Connector A	Female, 7/8"-16 UN
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Housing material/finish	Brass, CuZn, Nickel-plated
Tightening torque (range)	3.5 ... 10.2 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	4
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	16 AWG [Similar to 1.50 mm²]
Conductor colors	BK, WH, RD, GN/YE
Electrical properties at +20 °C	
Rated voltage	600 V
Current	10 A

Technische Daten

Mechanical and chemical properties	
Ambient temperature range (static)	-40...+105 °C
Approvals	UL 2238 CSA C22.2 No. 182.3 CE RoHS
Note	
- We reserve the right to make technical alterations without prior notice.	