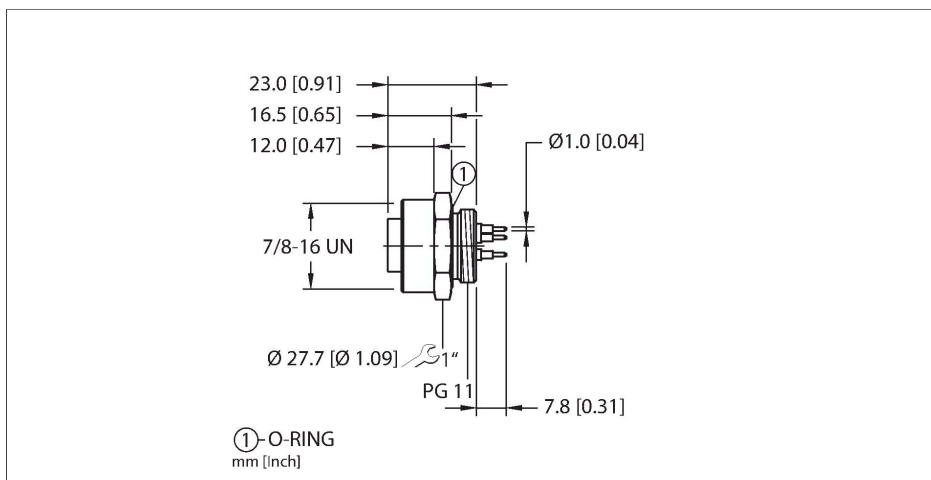


# RKF 50-PCB

## Actuator and Sensor Receptacle – Front Mount



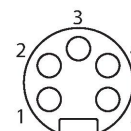
### Features



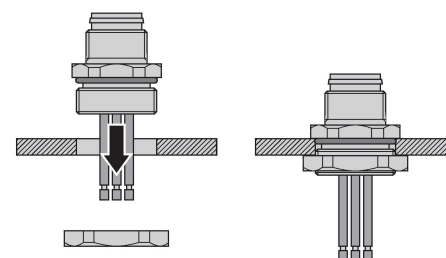
- Female 7/8" minifast Receptacle, 5 pin
- Mounting thread: PG 11
- PCB pins

### Contact assignment

Connector A



### Front panel mounting



### Technical data

Type	RKF 50-PCB
ID	U2304-0
Connector A	Female, 7/8"-16 UN
Number of contacts	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Housing material/finish	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 2 Nm (note max. torque of mating connector!)
Mounting orientation	Front mount
Panel seal	O-ring, plastic, NBR
Mounting thread	PG11
Receptacle mounting torque	6.8...27.1 Nm
Connection mode	PCB
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68 NEMA: 1, 3, 4, 6P
Total number of conductors	5
<b>Electrical properties at +20 °C</b>	
Rated voltage	300 V
Current	9 A
<b>Mechanical and chemical properties</b>	
Ambient temperature range (static)	-40 °C...+80 °C

## Technical data

Approvals

UL 2238  
CSA C22.2 No. 182.3  
CE  
RoHS

### Note

- We reserve the right to make technical alterations without prior notice.