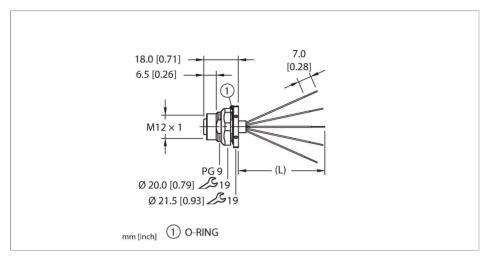


FKFD 4.5-x Actuator and Sensor Receptacle - Rear Mount





Туре	FKFD 4.5-x
ID	777001909
Connector A	Female, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	5
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector seal	O-ring, Plastic, FKM/FPM
Housing material/finish	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.4 1.8 Nm (note max. torque of mating connector!)
Mounting orientation	Rear mount
Panel seal	O-ring, NBR
Mounting thread	PG9
Locknut	Brass, CuZn, Nickel-plated
Receptacle mounting torque	2.56.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68
	NEMA: 1, 3, 4, 6P
Total number of conductors	5
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	22 AWG [Similar to 0.34 mm ²]



Features











■M12, Female, Receptacle, 5-pin ■ Mounting thread: PG9

Contact assignment

Connector A



Circuit Diagram

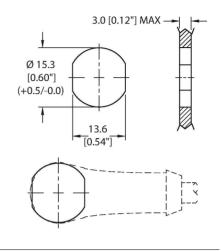
1	BN
2)	WH
3)	BU
	ВК
4)	GY
ا ک	



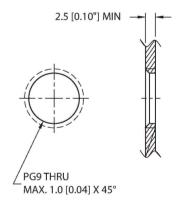
Technical data

Conductor colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A
Mechanical and chemical properties	
Ambient temperature range (static)	-40+105 °C
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA
	RoHS
Note	RoHS

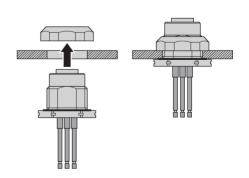
Mounting hole - Through



Mounting hole - Threaded



Rear-mounted





Accessories

FK(S)FD-TOOL

A2550

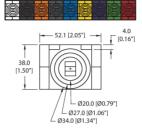


Tool, knockout hole punch, receptaclemounting hole. Accommodates PG9 threads.



DECAL,9-CLRS,RECEPT+BOXES,EURO(QTY1)

100008955

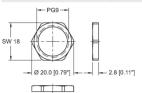


1 decal sticker containing 9 different color sets of 11 decals to color code a sensor, junction block port, cable end, or receptacle. 5ct 4x9mm rectangles, 4ct 8x19mm rectangles, 1ct 27mm ID ring, 1ct 20mm ID ring.

Accessories

LOCKNUT-PG9-BRASS-(10/BAG)

100016624



Locknut, PG9, Brass, Nickel-plated, 10