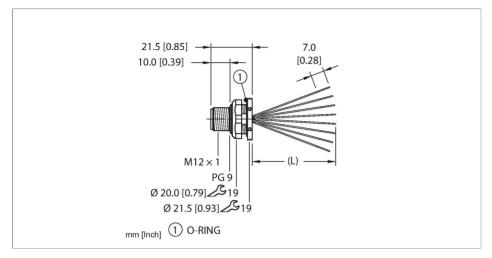


FSFD 8-0.2 Actuator and Sensor Receptacle - Rear Mount





Type	FSFD 8-0.2
ID	U-01414
Connector A	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	8
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
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, Plastic, 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	8
Length (L)	0.2 m
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	24 AWG [Similar to 0.25 mm ²]



Features











■M12, Male, Receptacle, 8-pin ■ Mounting thread: PG9

Contact assignment

Connector A



Circuit Diagram

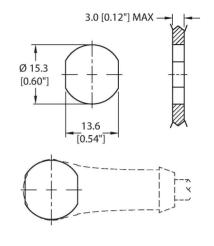
	WH	
2 =	BN	
3 =	GN	
4 =	YE	
5 =	GY	
6 =	PK	
7 =	BU	
8=	RD	
0 =		



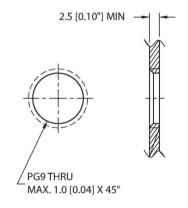
Technical data

Conductor colors	WH, BN, GN, YE, GY, PK, BU, RD	
Electrical properties at +20 °C		
Rated voltage	60 V _{AC} /75 V _{DC}	
Current	3 A	
Mechanical and chemical properties		
Ambient temperature range (static)	-40+105 °C	
Approvals	UL 2238 CE UKCA RoHS	
Note		

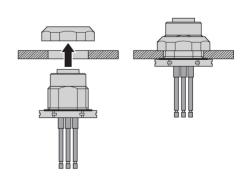
Mounting hole - Through



Mounting hole - Threaded



Rear-mounted





Accessories

FK(S)FD-TOOL

A2550



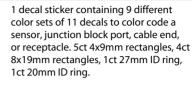
Tool, knockout hole punch, receptaclemounting hole. Accommodates PG9 threads.



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

Ø20.0 [Ø0.79"] Ø27.0 [Ø1.06"] Ø34.0 [Ø1.34"]

100008955



Accessories

LOCKNUT-PG9-BRASS-(10/BAG)

100016624



Locknut, PG9, Brass, Nickel-plated, 10