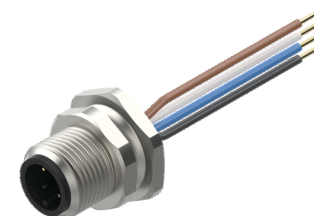
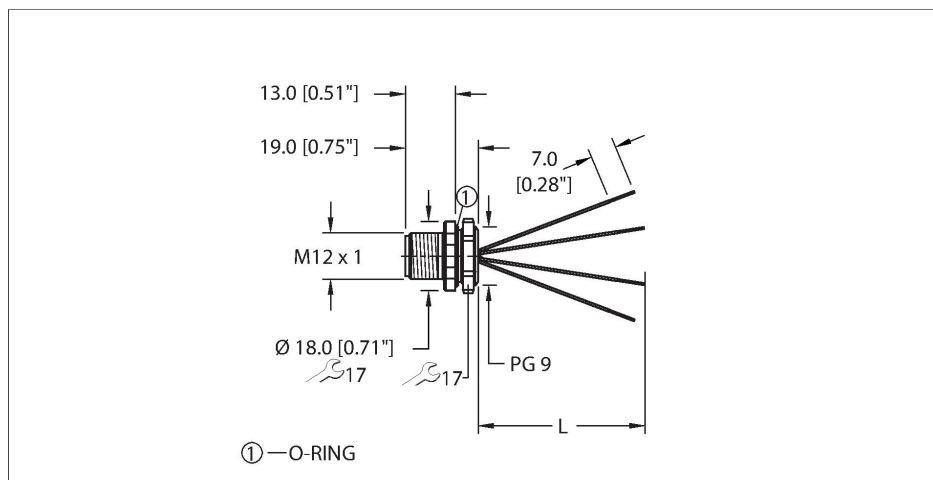


FS 4.4-1

Actuator and Sensor Receptacle – Front Mount



Technische Daten

Type	FS 4.4-1
ID	U2350-11
Connector A	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
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	Front mount
Panel seal	O-ring, NBR
Mounting thread	PG9
Locknut	Brass, CuZn, Nickel-plated
Receptacle mounting torque	2.5...6.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68
	NEMA: 1, 3, 4, 6P
Total number of conductors	4
Length (L)	1 m
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	22 AWG [Similar to 0.34 mm²]

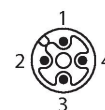
Features



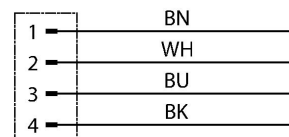
- M12, Male, Receptacle, 4-pin
- Mounting thread: PG9

Contact assignment

Connector A



Circuit Diagram



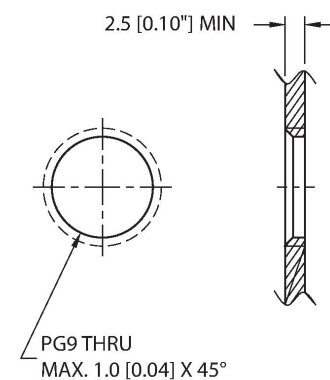
Technische Daten

Conductor colors	BN, WH, BU, BK
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	
- We reserve the right to make technical alterations without prior notice.	

Mounting hole - Through



Mounting hole - Threaded



Front panel mounting



