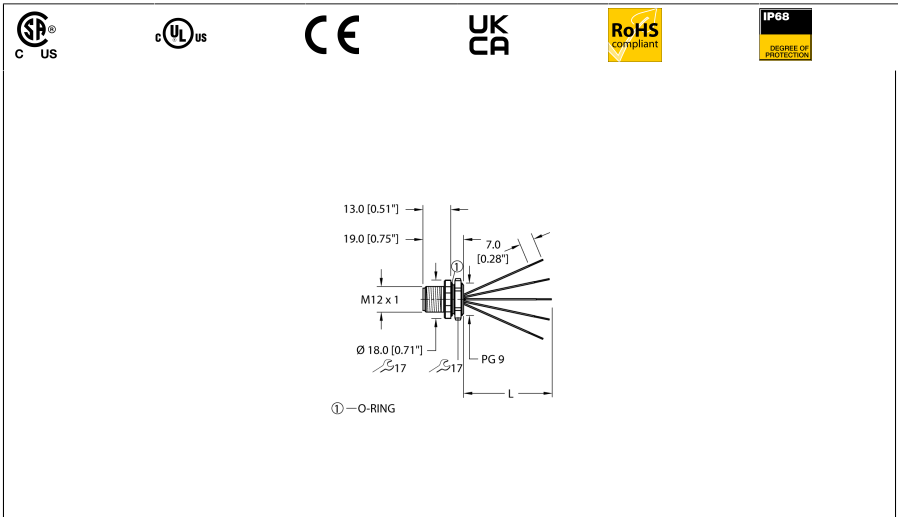
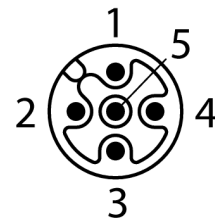


Actuator and Sensor Receptacle Front Mount FS 4.5-0.5



- M12, Male, Receptacle, 5-pin
- Mounting thread: PG9

Type	FS 4.5-0.5
ID	U1110
Connector A	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	5
Contact carriers	Plastic, Nylon or TPU, Yellow
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...6.8Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68 NEMA: 1, 3, 4, 6P
Total number of conductors	5
Length (L)	0.5 m m
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
Rated voltage	250V
Current	4AA
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+105°C
Note	- We reserve the right to make technical alterations without prior notice.



Circuit Diagram

1	BN
2	WH
3	BU
4	BK
5	GY