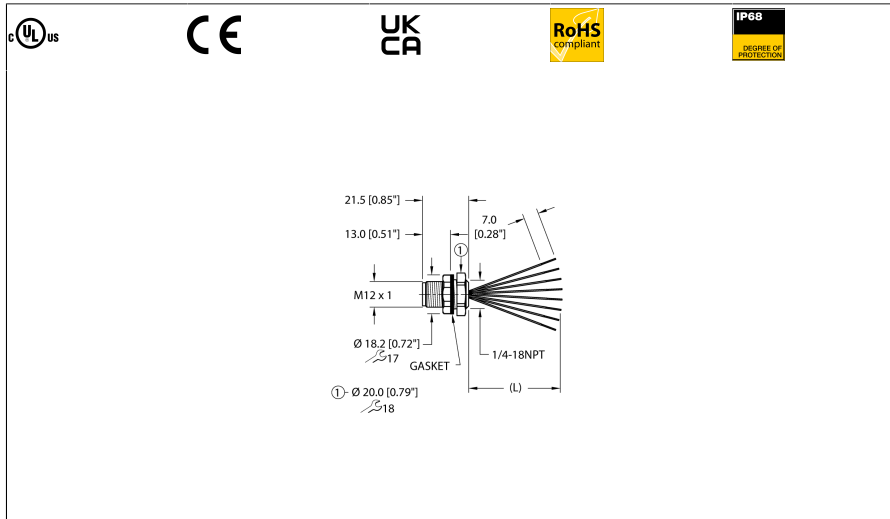
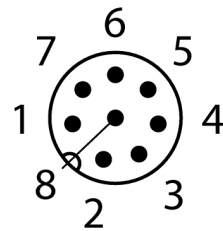


Actuator and Sensor Receptacle Front Mount FS 8-0.5/18.25



- M12, Male, Receptacle, Front mount, 8-pin
- Mounting thread: 1/4"-18 NPT



Type	FS 8-0.5/18.25
ID	U1130-23
Connector A	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	8
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	1/4"-18 NPT
Locknut	Brass, CuZn, Nickel-plated
Receptacle mounting torque	3.5...6.2Nm
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)	0.5 m m
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor colors	WH, BN, GN, YE, GY, PK, BU, RD
Electrical properties at +20 °C	
Rated voltage	60V _{AC} /75V _{DC}
Current	2AA
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	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD