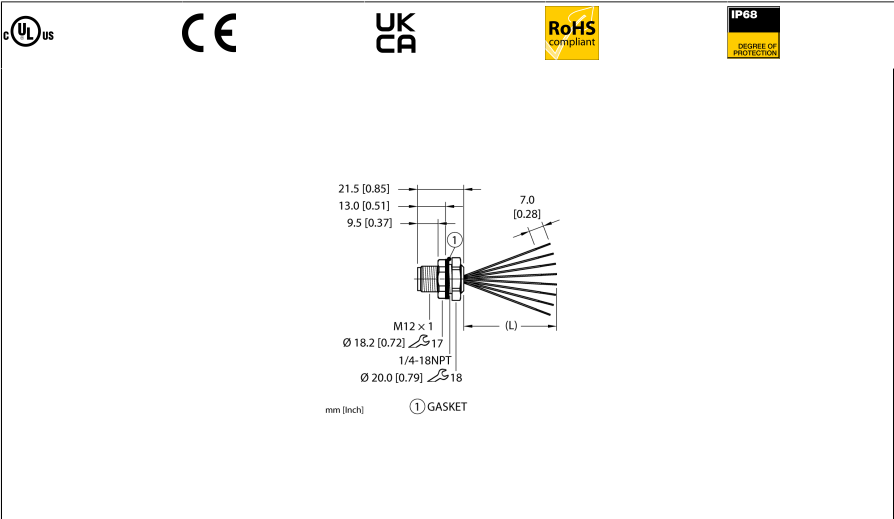


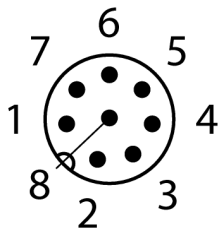
Actuator and Sensor Receptacles

Front-mounted

FS 8-0.5/18.25



- M12 male connector, straight, 8-pin
- M12 female connector, straight, 5-pin



Type	FS 8-0.5/18.25
ID	U1130-23
Connector A	Male, M12 × 1, A-coded
Design specification	acc. to IEC 61076-2-101
Number of pins	8
Contact carriers	Plastic, Nylon or TPU, Black
Flange housing	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.4 ... 1.8 Nm (observe max. torque of mating connector!)
Mounting type	front panel mounting
Screw-in thread seal	O-ring, NBR
Screw-in thread	1/4"-18 NPT
Lock nut/screw	BrassCuZnNickel-plated
Flange tightening torque	3.5...6.2Nm
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP68
	NEMA: 1, 3, 4, 6P
Number of cores	8
Cable length	0.5 m m
Conductor material	TC (tinned copper)
Core insulation	PVC
Core 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 (fixed)	-40...+105°C
Note	- We reserve the right to make technical modifications without prior notice.

Circuit Diagram

