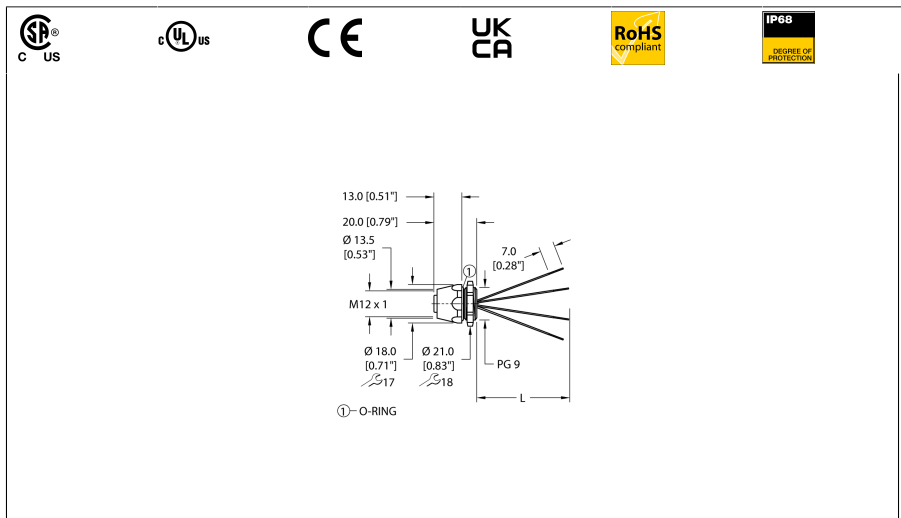


Actuator and Sensor Receptacles

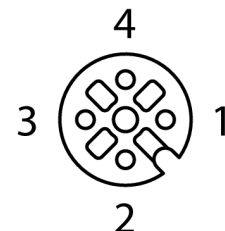
Front-mounted

FK 4.4-2

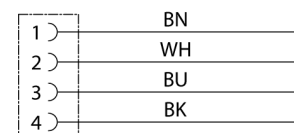


- M12 female receptacle, 4-pin
- Mounting thread: PG 9

Type	FK 4.4-2
ID	U9518-02
Connector A	Female, M12 × 1, A-coded
Design specification	acc. to IEC 61076-2-101
Number of pins	4
Contact carriers	Plastic, TPU, Black
Seal	O ring, Plastic, FKM/FPM
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	PG9
Lock nut/screw	BrassCuZnNickel-plated
Flange tightening torque	2.5...6.8Nm
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP68
	NEMA: 1, 3, 4, 6P
Number of cores	4
Cable length	2 m m
Conductor material	TC (tinned copper)
Core insulation	PVC
Core colors	BN, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	250V
Current	4AA
Mechanical and chemical properties	
Ambient temperature (fixed)	-40...+105°C



Circuit Diagram



Note

- We reserve the right to make technical modifications without prior notice.
