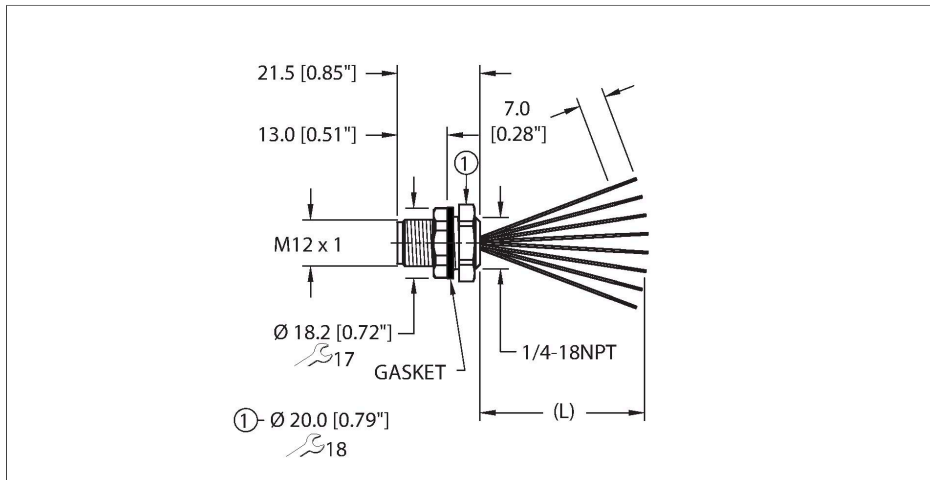


# FS 8-3/18.25

## Actuator and Sensor Receptacle – Front Mount



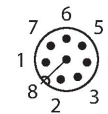
### Features



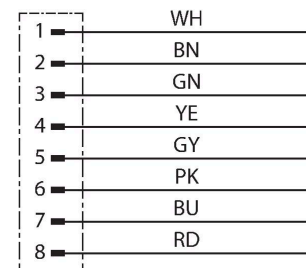
- M12, Male, Receptacle, Front mount, 8-pin
- Mounting thread: 1/4"-18 NPT

### Contact assignment

Connector A



### Circuit Diagram



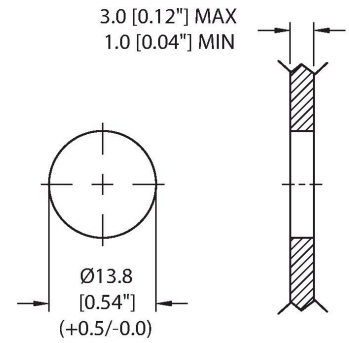
### Technische Daten

Type	FS 8-3/18.25
ID	U-06957
Connector A	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	8
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	1/4"-18 NPT
Locknut	Brass, CuZn, Nickel-plated
Receptacle mounting torque	3.5...6.2 Nm
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)	3 m
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	24 AWG [Similar to 0.25 mm <sup>2</sup> ]

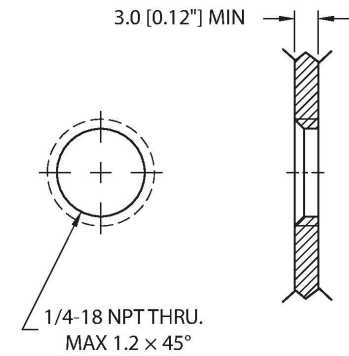
## Technische Daten

Conductor colors	WH, BN, GN, YE, GY, PK, BU, RD
<b>Electrical properties at +20 °C</b>	
Rated voltage	60 V <sub>AC</sub> /75 V <sub>DC</sub>
Current	2 A
<b>Mechanical and chemical properties</b>	
Ambient temperature range (static)	-40...+105 °C
Approvals	UL 2238 CE UKCA RoHS
<b>Note</b>	
- We reserve the right to make technical alterations without prior notice.	

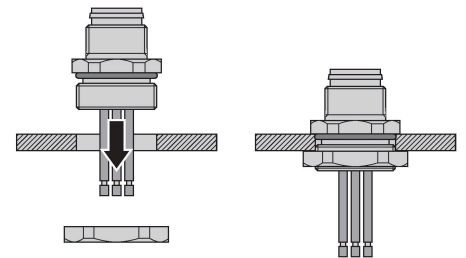
### Mounting hole - Through



### Mounting hole - Threaded



### Front panel mounting

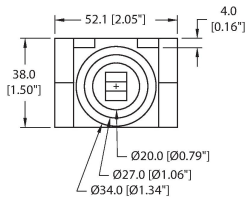


## Montagezubehör

**DECAL,9-CLRS,RECEPT+BOXES,EURO(QTY1) 10008955**

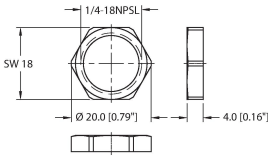


1 decal sticker containing 9 different color sets of 11 decals to color code a sensor, junction block port, cable end, or receptacle. 5ct 4x9mm rectangles, 4ct 8x19mm rectangles, 1ct 27mm ID ring, 1ct 20mm ID ring.



## Montagezubehör

**LOCKNUT-1/4NPT-BRASS-(10/BAG) 100024933**



Locknut, 1/4NPT, Brass, Nickel-plated, 10 per bag