ERSBM-A4.400.2-1
Actuator and Sensor Receptacle – Rear Mount
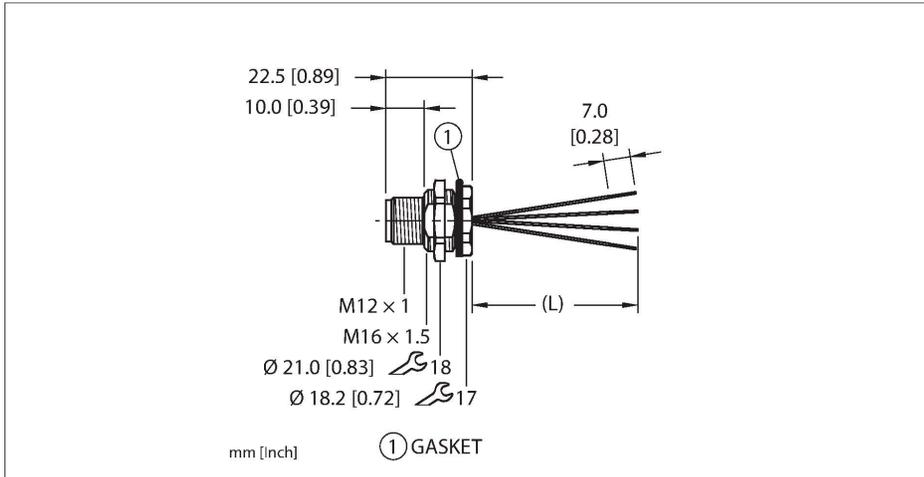
Technische Daten

| Type	ERSBM-A4.400.2-1
ID	100009898
Replaces	FSFD 4.4-x/M16
Connector A	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, 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	Rear mount
Panel seal	Gasket, Plastic, NBR
Mounting thread	M16 × 1.5
Locknut	Brass, CuZn, Nickel-plated
Receptacle mounting torque	2.5…7.3 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Conductor data	
Total number of conductors	4
Length (L)	1 m, 1 m, (+50mm or 4% of length/-0.0, Whichever is greater)

Features

■ M12, Male, Receptacle, Rear mount, 4-pin
■ Mounting thread: M16 × 1.5

Contact assignment

Connector A
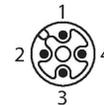
Circuit Diagram

Technische Daten

|	
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	22 AWG [Similar to 0.34 mm²]
Conductor colors	BN, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	250 V_{AC}/300 V_{DC}
Current	4 A
Mechanical and chemical properties	
Ambient temperature range (static)	-40…+105 °C
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS
Note	
	- We reserve the right to make technical alterations without prior notice.

Mounting hole - Through
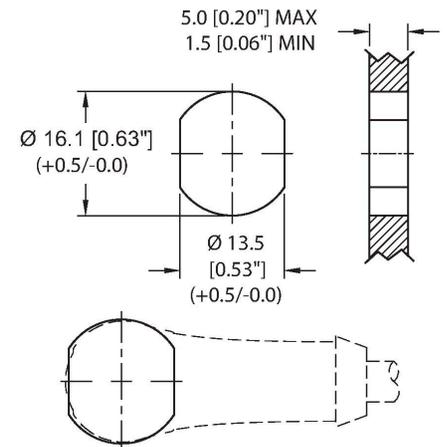
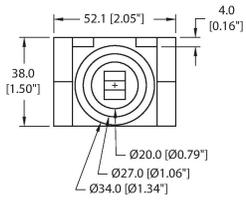## Mounting hole - Threaded
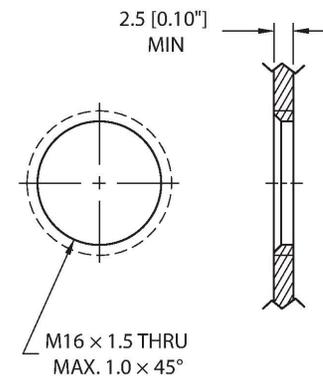
Rear-mounted
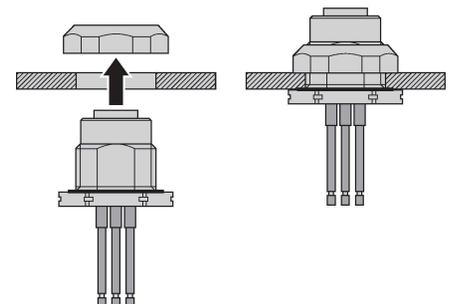
Montagezubehör

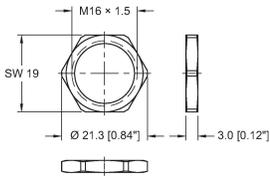| DECAL,9-CLRS,RECEPT+BOXES,EURO(QTY1)	100008955

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.
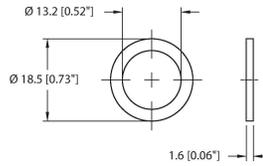
52.1 [2.05"]   4.0 [0.16"]
38.0 [1.50"]
Ø20.0 [Ø0.79"]
Ø27.0 [Ø1.06"]
Ø34.0 [Ø1.34"]

Montagezubehör

LOCKNUT-M16-BRASS-(10/BAG)	A9579

Locknut, M16, Brass, Nickel-plated, 10 per bag

M16 × 1.5
SW 19
Ø 21.3 [0.84"]   3.0 [0.12"]

M12-GASKET-PG9,M16,1/4NPT-(10/BAG)	100015009

Gasket, Black NBR, Fits PG9, M16 and 1/4NPT mounting threads, 10 per bag

Ø 13.2 [0.52"]
Ø 18.5 [0.73"]
1.6 [0.06"]