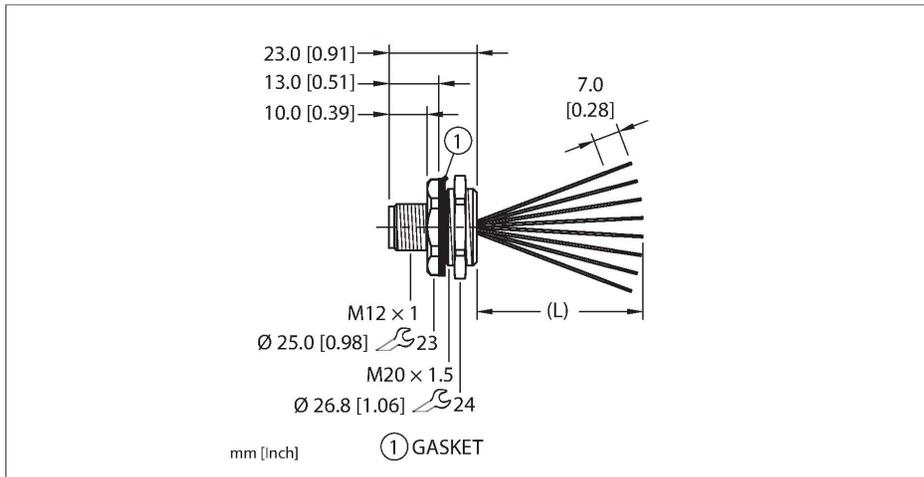


EFSVT-A8.800.4-0.5

Actuator and Sensor Receptacle – Front Mount



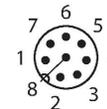
Features



- M12, Male, Receptacle, Front mount, 8-pin
- Mounting thread: M20 × 1.5

Contact assignment

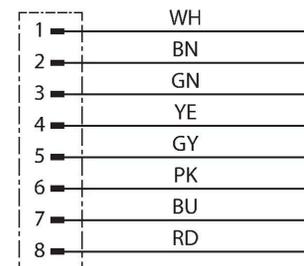
Connector A



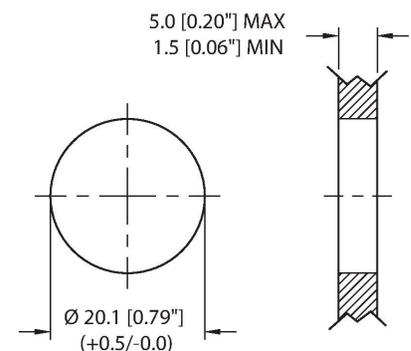
Technical data

Type	EFSVT-A8.800.4-0.5
ID	200002261
Replaces	FSV 8-x/M20
Connector A	Male, M12 × 1, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	8
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, TPU, Black
Housing material/finish	Stainless Steel, 1.4401 (AISI 316), Passivated
Tightening torque (range)	0.4 ... 1.8 Nm (note max. torque of mating connector!)
Mounting orientation	Front mount
Panel seal	Gasket, NBR
Mounting thread	M20 × 1.5
Locknut	Stainless Steel, 1.4401 (AISI 316), Passivated
Receptacle mounting torque	3.5...9.6 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K NEMA: 1, 3, 4, 4X, 6P, 12
Conductor data	
Total number of conductors	8

Circuit Diagram



Mounting hole - Through



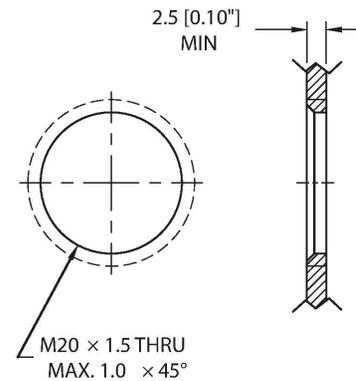
Technical data

Length (L)	0.05 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	24 AWG [Similar to 0.25 mm ²]
Conductor colors	WH, BN, GN, YE, GY, PK, BU, RD
Electrical properties at +20 °C	
Rated voltage	60 V _{AC} /75 V _{DC}
Current	3 A
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+105 °C
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS

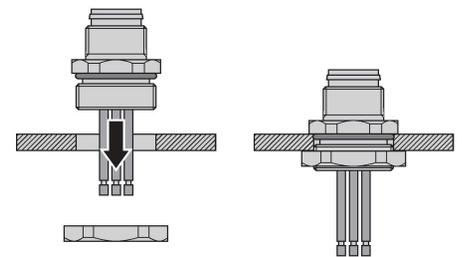
Note

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

Mounting hole - Threaded



Front panel mounting

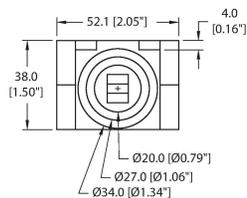


Accessories

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

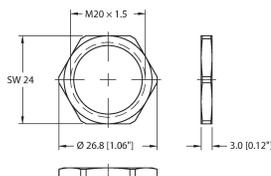


1 decal sticker containing 9 different color sets of 11 decals to color code a sensor, junction block port, cable end, or receptacle. 5ct 4x9mm rectangles, 4ct 8x19mm rectangles, 1ct 27mm ID ring, 1ct 20mm ID ring.



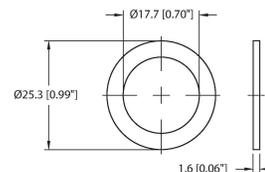
Accessories

LOCKNUT-M20-316SS-(10/BAG) A9194



Locknut, M20, 316 Stainless Steel, 10 per bag

M12-GASKET-M20,1/2NPT-(10/BAG) 100024930



Gasket, Black NBR, Fits M20 and 1/2NPT mounting threads, 10 per bag