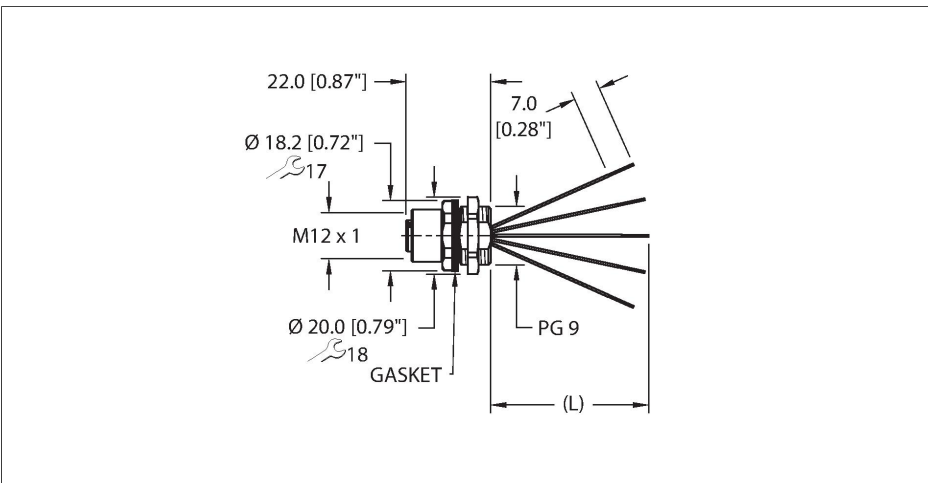


EFKBG-A5.500.2-x

Actuator and Sensor Receptacle – Front-mounted

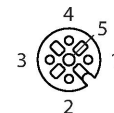


Features

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

Contact assignment

Connector A



Diagram

1	BN
2	WH
3	BU
4	BK
5	GY

Technical data

Type	EFKBG-A5.500.2-x
Ident. no.	777043123
Connector A	Female, M12 × 1, A-code
Design specification	acc. to IEC 61076-2-101
Number of pins	5
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, TPU, Black
Seal	O ring, FKM/FPM
Flange housing	Brass, CuZn, nickel-plated
Mounting type	front panel mounting
Screw-in thread seal	Seal, NBR
Screw-in thread	PG9
	BrassCuZnNickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68, IP69K
	NEMA: 1, 3, 4, 6P, 12
Tightening torque (range)	0.4 ... 1.8 Nm (observe max. torque of mating connector!)
	5
Conductor material	?
Core insulation	PVC
Core cross-section	22 AWG [Similar to 0.34 mm ²]
Core colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
	300 V _{DC} /250 V _{AC}
Current	4 A

Technical data

Mechanical and chemical properties	
Stationary	-40 °C...+105 °C
Approval	
Approvals	UL 2238 CSA C22.2 No. 182.3 CE RoHS
Note	
- We reserve the right to make technical modifications without prior notice.	