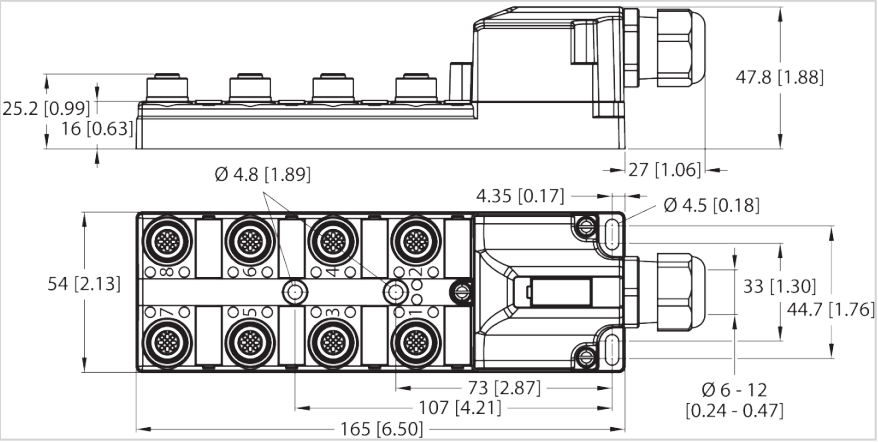
TB-8M12-5P3-K-S/0612

Passive actuator/sensor junction box, 8 ports

M12 I/O slot with terminal chamber for the supply cable





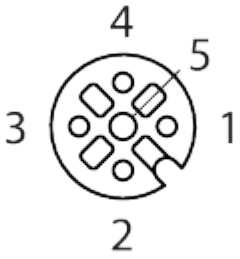
Type designation	TB-8M12-5P3-K-S/0612
Ident-No.	6632160

Technical data

Electrical data	
Current	2 A per signal contact, total current 10 A
Rated voltage	30 VDC
Junction box	
Group terminal	Terminal chamber
Housing	Plastic, PA, Black
I/O port	M12 x 1
Connection mode	Screw/clamp connection
Core cross-section/Clamping ability	16 AWG [similar to 1.50 mm²]
Number of Ports	8
Switching function	PNP
Connector A	
Mechanical lifespan	> 100 Mating cycles
Number of Pins	4+PE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Seal	Plastic, FPM/FKM
Protection class	IP67

Features

- Housing material: PA 6 GF30
- Housing color: black
- Protection class: IP67
- RoHS compliant
- CE compliant
  - LED (PNP circuit)
  - I/O slot (pinout): 4-pin + PE

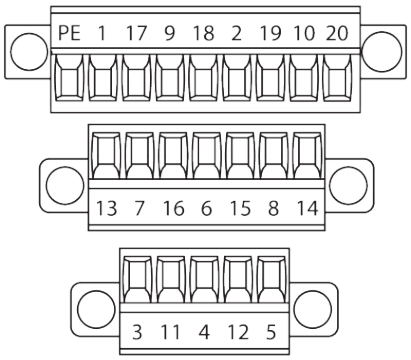


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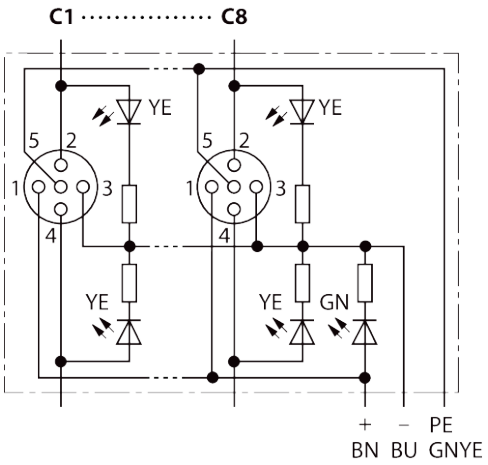
Technical data

Connector B	
Number of pins	20+PE
Seal	Plastic, FPM/FKM
Ambient conditions	
Ambient temperature (fixed)	-40...+70 °C
Protection class	IP67
Displays/controls	
Display operating voltage	LED, green
Display switching state	LED, yellow
Comments	
Packaging unit	1

Terminal



Circuit Diagram



Wiring

Port/Pin	*C1/2*	*C1/4*	*C2/2*	*C2/4*	*C3/2*	*C3/4*	*C4/2*	*C4/4*
Terminal chamber	*9*	*1*	*10*	*2*	*11*	*3*	*12*	*4*

Port/Pin	*C5/2*	*C5/4*	*C6/2*	*C6/4*	*C7/2*	*C7/4*	*C8/2*	*C8/4*
Terminal chamber	*13*	*5*	*14*	*6*	*15*	*7*	*16*	*8*

Power C1-C8	*V+*	*V-*	*PE*
Terminal chamber	*17 + 19*	*18 + 20*	*PE*

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Accessories

Ident-No.	*Designation*	*Description*
6625616	RKC5T-2-RSC5T/TXL	Actuator/sensor cable, female M12 - male M12, straight, 5-pin, 2 m *
6936055	VS-M12-BK	Closure caps for M12 female connectors
8015002	KS9/20	Labels

* Other lengths available on request

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