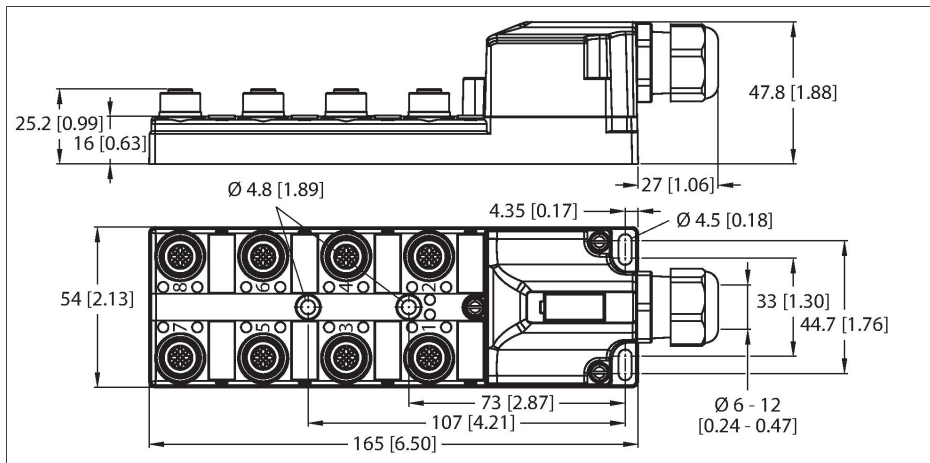


TB-8M12-5P3-K-F/0612

Passive actuator/sensor junction box, 8 ports – M12 I/O slot with terminal chamber for the supply cable



Features



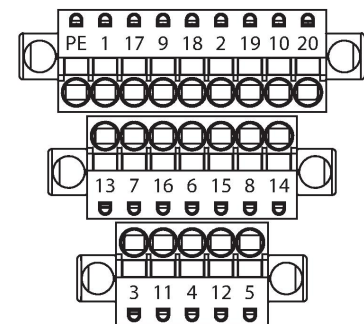
- Housing material: Nylon
- Housing color: black
- Protection class IP67
- RoHS-compliant
- CE compliant
- LED (PNP circuit)
- I/O slot (pinout): 4-pin + PE

I/O Connector

Technical data

Type	TB-8M12-5P3-K-F/0612
ID	6632158
Distributed I/O	8 -port
Housing	Plastic, PA, Black
Display operating voltage	LED, green
Display switching state	LED, yellow
Switching function	PNP
I/O Port	M12 × 1
Number of contacts	4+PE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector seal	Plastic, FPM/FKM
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67
Homerun connector	Terminal chamber
Number of contacts	20+PE
Connection mode	Tension spring connection
Core cross-section/Clamping ability	16 AWG [similar to 1.50 mm ²]
Seal	Plastic, FPM/FKM
Electrical properties at +20 °C	
Rated voltage	30 VDC
Current	2 A per signal contact, total current 10 A

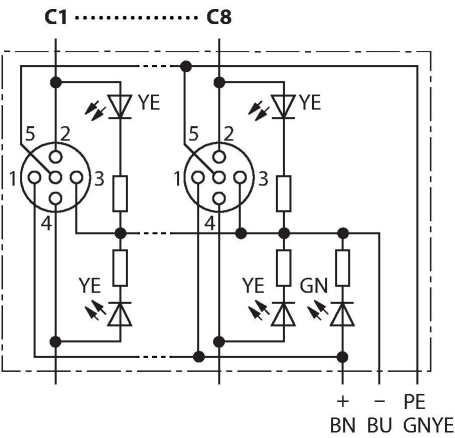
Terminal



Technical data

Mechanical and chemical properties	
Ambient temperature range (static)	-40...+70 °C

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

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