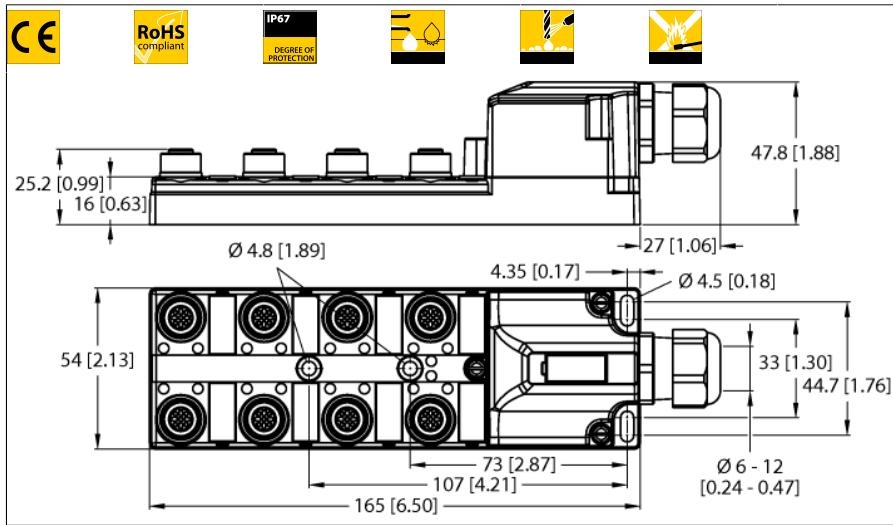
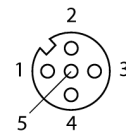


Passive actuator/sensor junction box, 8 ports
M12 I/O slot with terminal chamber for the supply cable
TB-8M12-5P3-K-S/0612

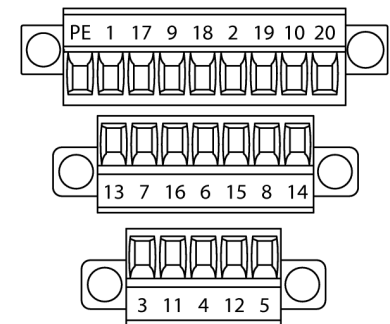


- Housing material: Nylon
- Housing color: black
- Protection class IP67
- RoHS-compliant
- CE compliant
- LED (PNP circuit)
- I/O slot (pinout): 4-pin + PE

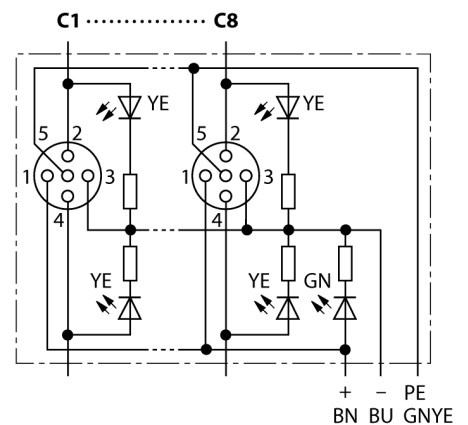
I/O port M12 × 1



Terminal



Circuit Diagram



Type designation	TB-8M12-5P3-K-S/0612
Ident no.	6632160
Housing	Plastic, PA, Black
Display operating voltage	LED, green
Display switching state	LED, yellow
Switching function	PNP
I/O port	M12 x 1
Number of pins	4+PE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, (screwed together)
Group terminal	Terminal chamber
Number of pins	20+PE pins
Connection mode	Screw/clamp connection
Core cross-section/Clamping ability	16 AWG [Similar to 1.50 mm ²]
Outer diameter of cable	min. 6...12mm
Seal	Plastic, FPM/FKM
Electrical properties at +20 °C	
Rated voltage	30VDC
Current	2 A per signal contact, total current 10 A
Mechanical and chemical properties	
Ambient temperature	-40...+70°C
Stationary	

Passive actuator/sensor junction box, 8 ports

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

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

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