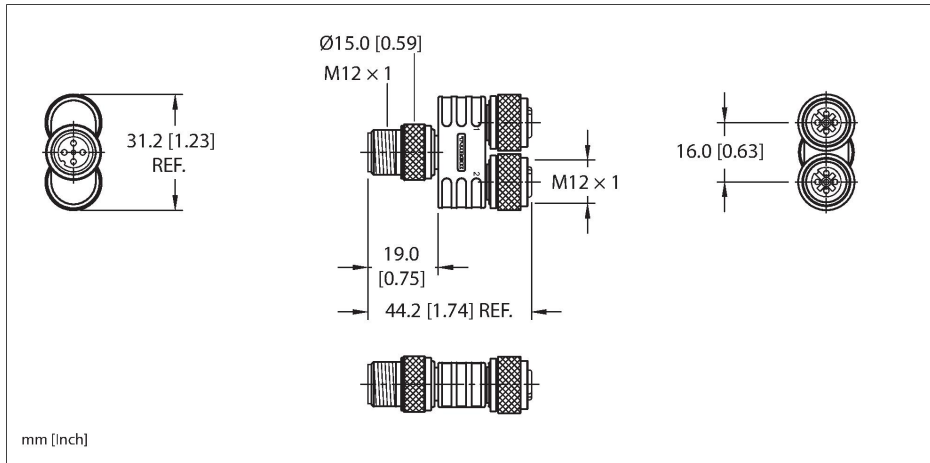


YB2-FSM 4.5-2FKM 4.5

Actuator and Sensor Splitter – M12 Junction Box

5-Wire



Features

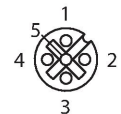
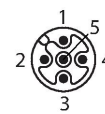


- Close coupled
- M12, Male, Straight, 4-pin
- 2x M12, Female, 4-pin

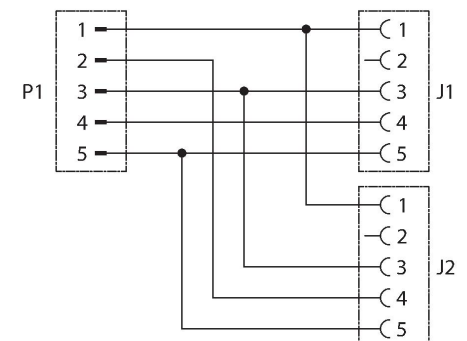
Contact assignment

Connector A

Connector B



Circuit Diagram



Technische Daten

Type	YB2-FSM 4.5-2FKM 4.5
ID	U0875-78
Distributed I/O	Splitter, 2 -port, with integral homerun connector
Housing	Plastic, TPU, Black
Connector A	Male, M12 × 1
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 1 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
Connector B	Female, M12 × 1
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU
Coupling nut	Brass, CuZn, Nickel-plated
Seal	O-ring, Plastic, FKM/FPM
Tightening torque	0.8 ... 1 Nm
Mechanical life	> 100 Mating cycles

Technische Daten

Pollution degree	3
Protection class (When coupled)	IP67
Electrical properties at +20 °C	
Rated voltage	30 V _{AC} /36 V _{DC}
Current	4 A
Mechanical and chemical properties	
Ambient temperature range (static)	-30...+80 °C
Approvals	UL Listed CE RoHS
Note	
- We reserve the right to make technical alterations without prior notice.	