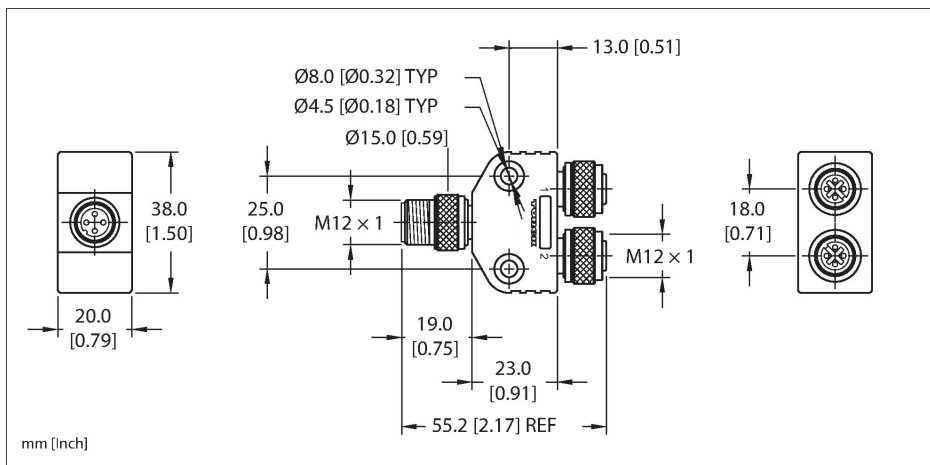


VB2-FSM 4.4/2FKM 4

Actuator and Sensor Splitter – M12 Splitter

3-Wire



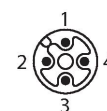
Features



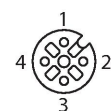
- Close coupled
- M12, Male, Straight, 4-pin
- 2x M12, Female, 4-pin

Contact assignment

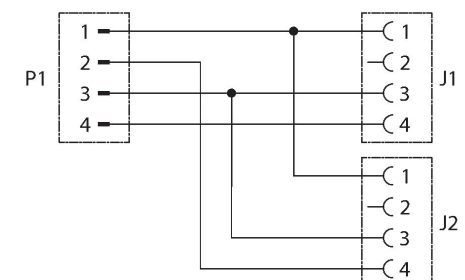
Connector A



Connector B



Circuit Diagram



Technical data

Type	VB2-FSM 4.4/2FKM 4
ID	U0098
Distributed I/O	Splitter, 2 -port, with integral homerun connector
Housing	Plastic, TPU, Yellow
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)	IP68
	NEMA: 1, 3, 4, 6P
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

Technical data

Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68
	NEMA: 1, 3, 4, 6P
Electrical properties at +20 °C	
Rated voltage	250 V _{AC} /300 V _{DC}
Current	4 A
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+105 °C
Approvals	UL Listed RoHS CE
Note	
- We reserve the right to make technical alterations without prior notice.	