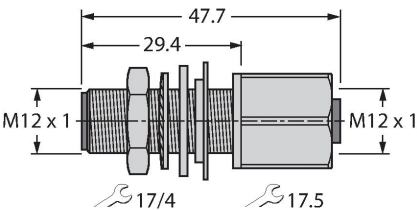


FK FS 4.5/M12

Actuator and Sensor Male Receptacle – Wall Feedthrough



Features

- Wall feedthrough, M12 × 1, 5-pin
- Male to female
- Voltage: 150 V
- Ampacity: 4 A
- Temperature range: -40...+80°C
- IEC IP68; NEMA 1, 3, 4, 6P
- Approvals: UL, CSA

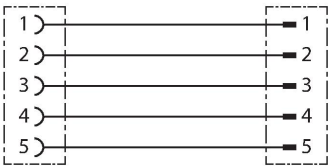
Contact assignment



Technical data

Type	FK FS 4.5/M12
ID	U1135
Connector A	Female, M12 × 1, Straight, A-coded
Number of Pins	5
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Metal, CuZn
Flange housing	Brass, CuZn, Nickel-plated
Mounting type	front panel mounting
Screw-in thread seal	Gasket
Screw-in thread	M12 × 1
	BrassCuZnNickel-plated
Pollution degree	3
Protection class	IP68, (screwed together)
	NEMA: 1, 3, 4, 6P
Connector B	Male, M12 × 1, Straight
Number of Pins	5
Flange housing	Brass, CuZn, Nickel-plated
Mounting type	rear-mounted
Screw-in Thread	M12 × 1
	Brass, CuZn, Nickel-plated
Electrical properties at +20 °C	
Rated voltage	150 V
Current	5 A
Insulation resistance	≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ

Circuit Diagram



Technical data

Mechanical and chemical properties	
Ambient temperature (fixed)	-40...+80 °C
Note	
- We reserve the right to make technical modifications without prior notice.	