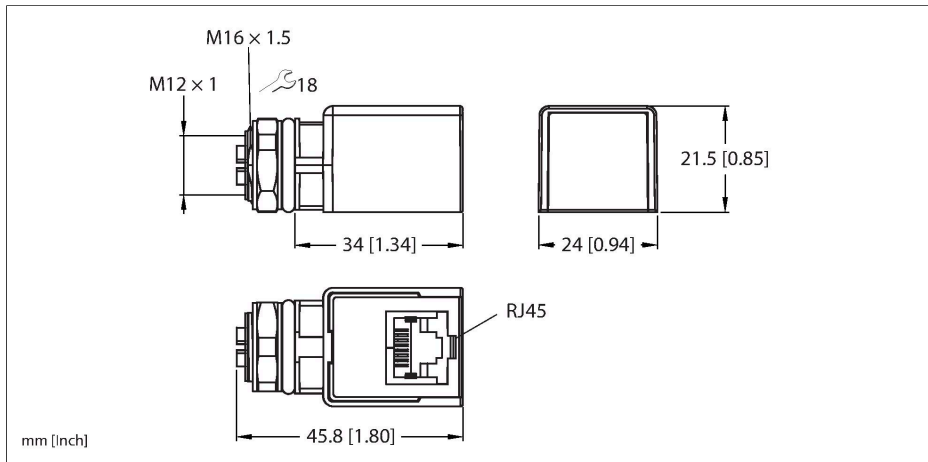


FKFDSX-RJ45SFW-88

Accessories for Fieldbus Systems, Industrial Ethernet – Adapter and Wall Feedthrough



Technical data

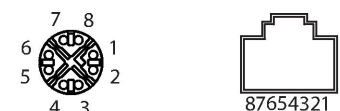
Type	FKFDSX-RJ45SFW-88
ID	100028437
Connector A	Female, M12 × 1, Straight, X-coded
Number of Pins	8
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, PA GF, Black
Connector body	Plastic, PA, Black
Coupling nut/screw	Brass, Nickel plated zinc
Tightening torque (range)	0.6 ... 0.8 Nm
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, (screwed together)
Connector B	Female, RJ45, Angled
Number of pins	8
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, PA GF, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	0.6 ... 0.8 Nm
Mechanical life	> 100 Mating cycles
Protection class	IP20, (Plugged)
Electrical properties at +20 °C	
Rated voltage	48 V
Current	0.5 A
Insulation resistance	≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ
Mechanical and chemical properties	
Ambient temperature range (stationary)	-25...+85 °C



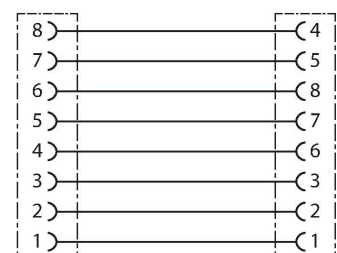
Features

- UL
- CE
- UK CA
- RoHS compliant
- Shielded, CAT6A
- Straight M12 female connector, 8-pin, X-coded
- RJ45 female connector, straight, 8-pin
- Angled
- RoHS compliant
- Protection class: IP67 (M12); IP20 (RJ45)
- UL

Contact assignment



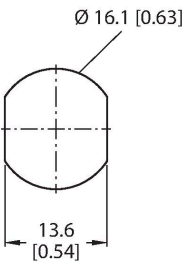
Circuit Diagram



Technical data

Approvals	UL Listed
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Through bore



mm [Inch]