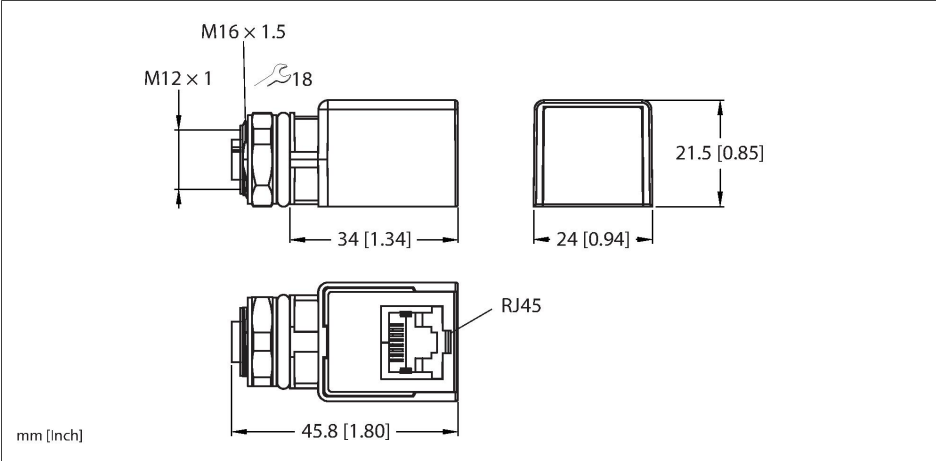


FKSDD-RJ45SFW-44

Adapter – Adapter and Wall Feedthrough



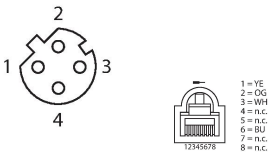
Technical data

Type	FKSDD-RJ45SFW-44
ID	100047739
Connector A	Female, M12 × 1, Straight, D-coded
Number of pins	4
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, TPU, White
Connector body	Plastic, PA, Black
Coupling nut/screw	Brass, CuZn
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, (screwed together)
Connector B	Female, RJ45, Angled
Number of Pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, 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	4 A
Insulation resistance	≥ 10 ⁶ Ω
forward resistance	≤ 5 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-30...+80 °C
Approvals	UL Listed

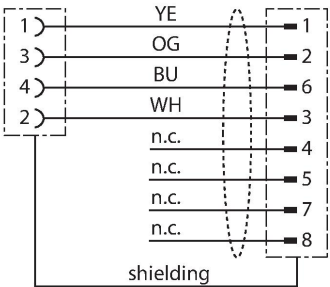
Features

- UL
- CE
- UK CA
- RoHS compliant
- Shielded, CAT5A
- M12 female connector, straight, 4-pin, D-coded
- RJ45 female connector, straight, 4-pin
- RoHS compliant
- Protection class: IP67 (M12); IP20 (RJ45)
- UL

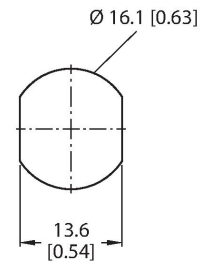
Contact assignment



Circuit Diagram



Through bore



mm [Inch]