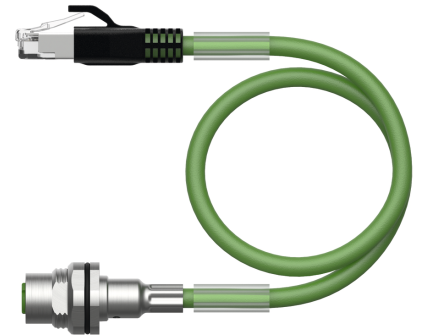
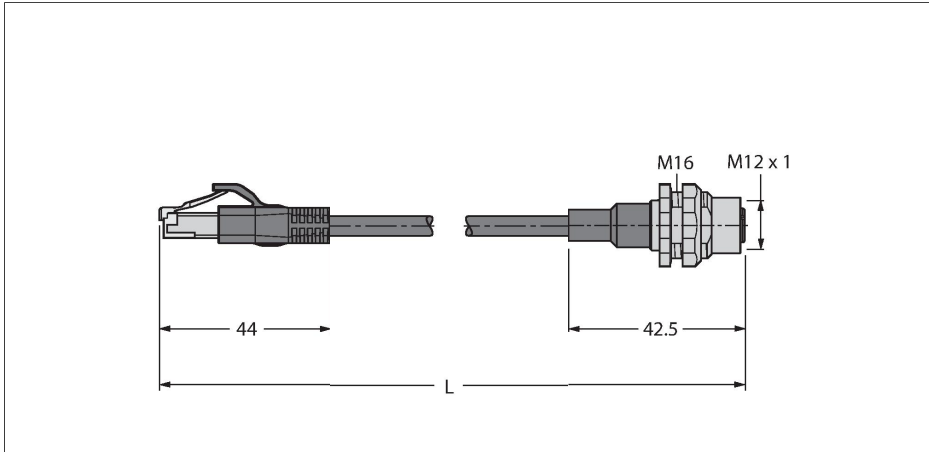


RJ45S-FKSDX-8814-5M

Industrial Ethernet Cable – Extension Cable



Technical data

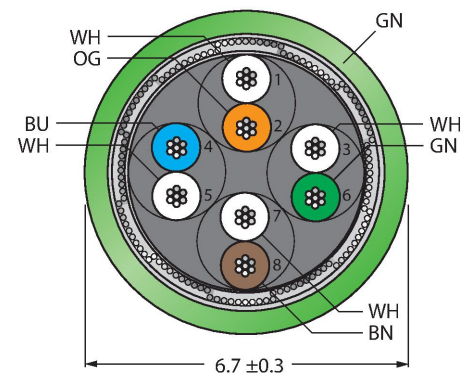
Type	RJ45S-FKSDX-8814-5M
ID	100022056
Number of pins	8
Connector B	Female, M12 × 1
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Tightening torque	0.8 ... 1 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only when screwed together
Cable	
Network protocol	Ethernet
Cable diameter	Ø 8.9 mm ±0.30
Cable length	5 m
Cable jacket	PUR, Green
Shielding	yes
Core insulation	PE
Core cross-section	8 x 0.14 mm ²
Arrangement of strands	0.16 mm
Core colors	WH(OG) OG;WH(GN) GN;WH(BN) BN;WH(BU) BU
Electrical properties at +20 °C	
Test voltage	700 V
Current	0.5 A

Features

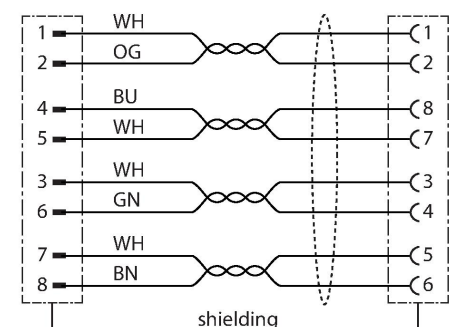


- RJ45 male connector, straight, 8-pin
- M12 female receptacle, straight
- Cable length: 5.0 m

Cable Cross-Section



Circuit Diagram



Technical data

Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 10 \times \varnothing$
Ambient temperature (fixed)	-40...+80 °C
Ambient temperature (mobile)	-40...+80 °C
Other Features	
Qualified for drag chain use	yes
PVC-free	yes
UV resistance	yes
Oil-resistant	yes
Flame-retardant	yes
Approvals	cULus