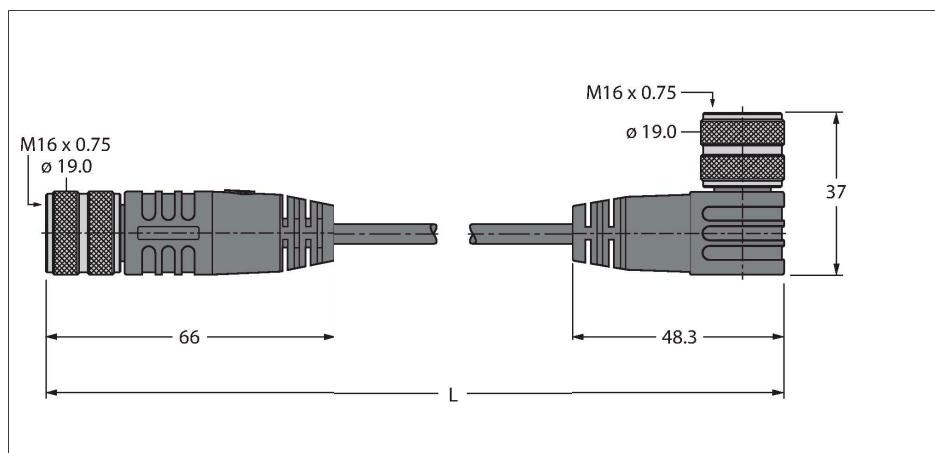


BKM-BKWM14-E03-1.2/S90 (OBS)

Actuator and sensor cable – Extension Cable



Features

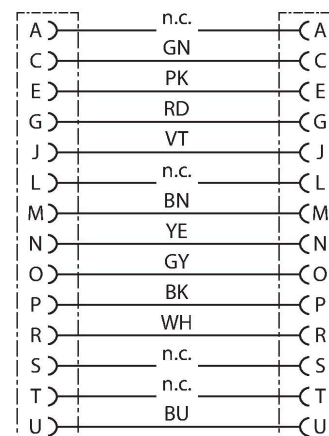


- M16 coupling, straight, 14-pin
- M16 connector, female, straight, 14-pin
- Jacket material: TPU
- Jacket color: black
- Flame retardant (FT1)
- Approval: UL and CSA
- RoHS-compliant
- Protection type IP67
- Cable length : x meters

Contact assignment



Circuit Diagram



Technical data

Type	BKM-BKWM14-E03-1.2/S90 (OBS)
ID	6935109
Connector A	Female, M16 × 0.75, Straight
Number of pins	14
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67
Connector B	Female, M16 × 0.75, Angled
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP67
Cable	
Network protocol	S90
Cable diameter	Ø 6.9 mm ±0.15
Cable jacket	TPU, Black
Shielding	no
Core insulation	PVC
Core cross-section	2 x 0.52 mm²

Technical data

Arrangement of strands	19 x 0.19 mm
Core cross-section	8x 0.21 mm ²
Litz wire arrangement	19 x0.13 mm
Core colors	GN, PK, RD, VT, BN, YE, GY, BK, WH, BU
Electrical properties at +20 °C	
Rated voltage	300 V
Current	3 A
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature (fixed)	-40...+90 °C