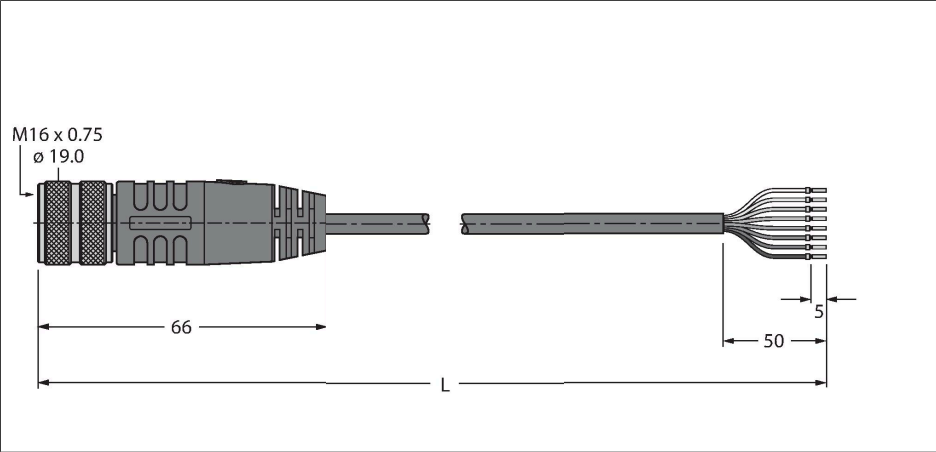


BKWM14-E03-5/S90

Actuator and sensor cable – Connection Cable



Technical data

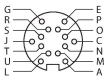
Type	BKWM14-E03-5/S90
ID	6935117
Connector A	Female, M16 × 0.75, Straight
Number of pins	14
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67
Cable	
Network protocol	S90
Cable diameter	Ø 6.9 mm ±0.15
Cable length	5 m
Cable jacket	TPU, Black
Shielding	no
Core insulation	PVC
Core cross-section	2 x 0.52 mm²
Arrangement of strands	19 x 0.19 mm
Core cross-section	8x 0.21 mm²
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

Features



- M16 coupling, straight, 14-pin
- Jacket material: TPU
- Jacket color: black
- Flame retardant (FT1)
- Approval: UL and CSA
- RoHS-compliant
- Protection type IP67
- Cable length: 5.0 m

Contact assignment



Circuit Diagram

A	n.c.
C	GN
E	PK
G	RD
J	VT
L	n.c.
M	BN
N	YE
O	GY
P	BK
R	WH
S	n.c.
T	n.c.
U	BU

Technical data

Current 3 A

Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 10 \times \varnothing$
Ambient temperature (fixed)	-40...+90 °C