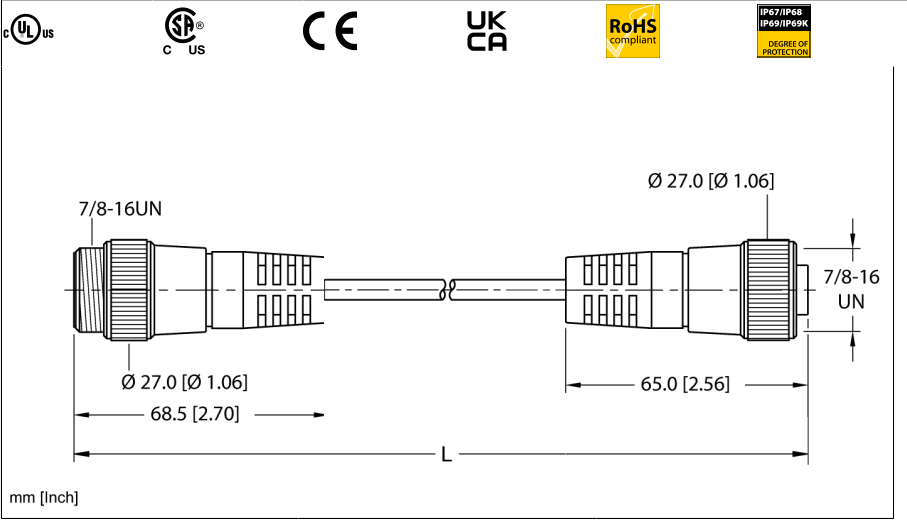


Actuator and Sensor Cable
Verbindungsleitung
RSM RKM 47-10M

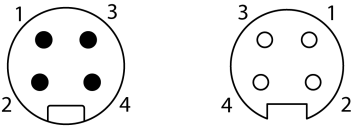


Type	RSM RKM 47-10M
ID	U2-07843
Connector A	Male, 7/8"-16 UN, Straight
Number of pins	4
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut/screw	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Connector B	Female, 7/8"-16 UN, Straight
Number of Pins	4
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12

Cable



- 7/8" male connector, straight, 4-pin
- 7/8" female connector, straight, 4-pin
- Flexible Service Cable
- PVC jacket, yellow, 4 × 16 AWG
- UV resistant
- -40 °C cold bending strength
- Oil resistant
- Fire classes: UL 1100, CSA FT2



Circuit Diagram



Cable ID	RF50626
Number of cores	4
Cable diameter	Ø 10.8mm
Cable length	10 m, (+ 50 mm or 4 % of the length/-0.0, depending on which value is larger) m
Cable jacket	PVC, Yellow
Conductor diameter	0.12 "
Conductor material	BC (bare copper)
Core insulation	PVC
Core cross-section	4 x 16 AWG [Similar to 1.50 mm²]
Arrangement of strands	65 x 34AWG
Core colors	BU, BN, WH, GN/YE

Electrical properties at +20 °C

Rated voltage	600V
Current	10AA

Mechanical and chemical properties

Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Cold flexural strength	-40 °C
Ambient temperature (fixed)	-40...+105°C
Ambient temperature (mobile)	5...+105°C
Ambient temperature during installation	-10...+105 °C

Approval

Note

Using the cable in extreme temperatures, when it is exposed to certain chemicals and above the nominal cycle speed or below the nominal bending radius of the cable can reduce the flexural strength.

- We reserve the right to make technical modifications without prior notice.