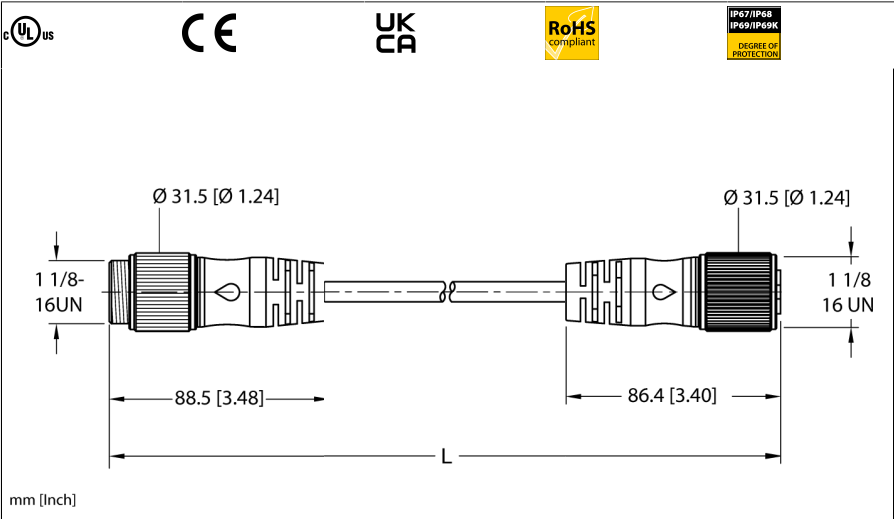


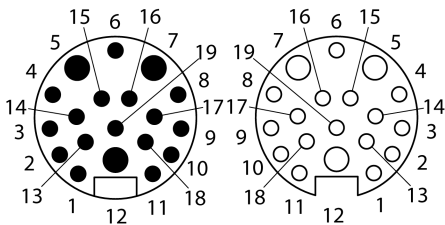
Actuator and Sensor Cable

Verbindungsleitung

RSM RKM 190-2M

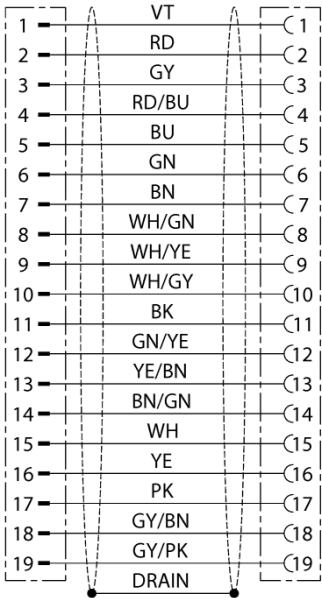


- 1 1/8" male connector, straight, 19-pin
- 1 1/8" female connector, straight, 19-pin
- Instrumentation Tray Cable
- PVC jacket, yellow, shielded, 3 × 18 + 16 × 22 AWG
- UV resistant
- -40 °C cold bending strength
- Oil resistant
- Fire classes: UL 1685 FT4, UL1061, CSA FT4



Type	RSM RKM 190-2M
ID	U0921-99
Connector A	Male, 1 1/8"-16 UN, Straight
Number of pins	19
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut/screw	Brass, CuZn, Nickel-plated
Tightening torque	3 Nm
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Connector B	Female, 1 1/8"-16 UN, Straight
Number of Pins	19
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Protection class	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Cable	

Circuit Diagram



Cable ID	RF50620
Number of cores	19
Cable diameter	Ø 10.01mm
Cable length	2 m, (+ 50 mm or 4 % of the length/-0.0, depending on which value is larger) m
Cable jacket	PVC, Yellow
Shielding	Aluminum/polyester (IN), 20 AWG, TC (tinned copper)
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Core insulation	PVC
Core cross-section	3 x 18 AWG [Similar to 0.75 mm ²]
Arrangement of strands	19 x 0.0092"
Conductor diameter	0.048 "
Core insulation	SR-PVC
Core cross-section	16x 22 AWG [Similar to 0.34 mm ²] mm ²
Litz wire arrangement	19x0.0058mm
Core colors	VT, RD, GY, RD/BU, BU, GN, BN, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, GY/PK

Electrical properties at +20 °C	
Rated voltage	300V
Current	4A /2A (All other contacts)A

Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 15 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	
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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.