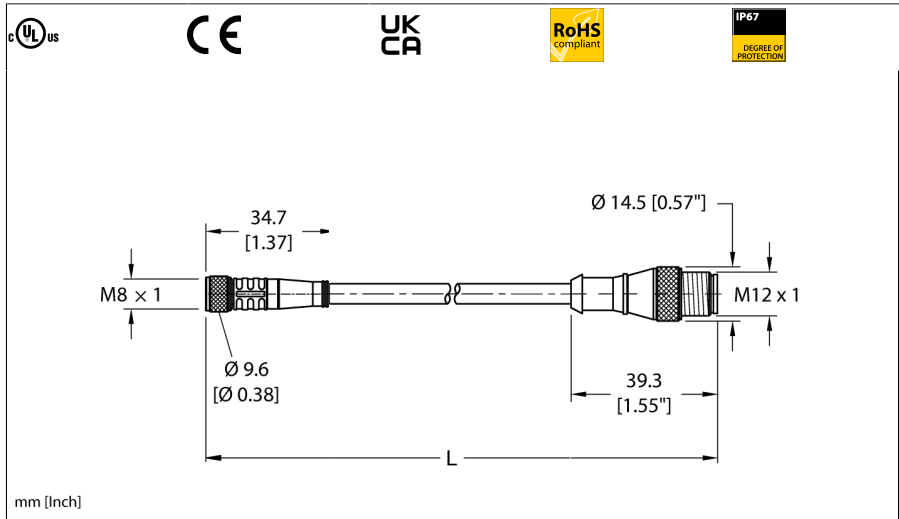


Actuator and Sensor Cable

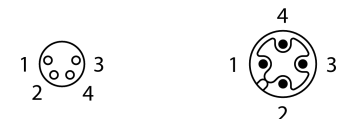
Verbindungsleitung

PKG 4M-2-RS 4.4T



- M8 female connector, straight, 3-pin
- Thread connection
- M12 male connector, straight, 4-pin
- General purpose cable
- PVC jacket, yellow, 4 × 26 AWG
- -40 °C cold bending strength
- Fire classes: UL1061, CSA FT1
- Flexlife and C-Track approved

Type	PKG 4M-2-RS 4.4T
ID	U0057-52
Connector A	Female, M8 × 1, Straight
Design specification	acc. to IEC 61076-2-104
Number of pins	4
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	O ring, Plastic, FKM/FPM
Tightening torque (range)	0.4 ... 0.8 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67
	NEMA: 1, 3, 4, 6P
Connector B	Male, M12 × 1, Straight, A-coded
Design specification	acc. to IEC 61076-2-101
Number of Pins	4
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	0.8 ... 1 Nm (observe max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP68, IP69K
	NEMA: 1, 3, 4, 6P
Cable	



Circuit Diagram



Cable ID	RF50697
Number of cores	4
Cable diameter	Ø 4.39mm
Cable length	2 m m
Cable jacket	PVC, Yellow
Conductor diameter	0.039 "
Conductor material	TC (tinned copper)
Core insulation	PVC
Core cross-section	4 x 26 AWG [Similar to 0.14 mm²]
Arrangement of strands	19 x 38AWG
Core colors	BN, WH, BU, BK

Electrical properties at +20 °C	
Rated voltage	125VAC/DC
Current	2AA

Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Torsion cycles	Max. 20 million
Cold flexural strength	-40 °C
Bending cycles 10 x Ø	20 million cycles
	When correctly installed at 20 °C, 50% RH
C-track	Yes
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.