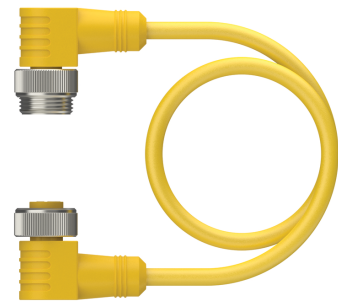
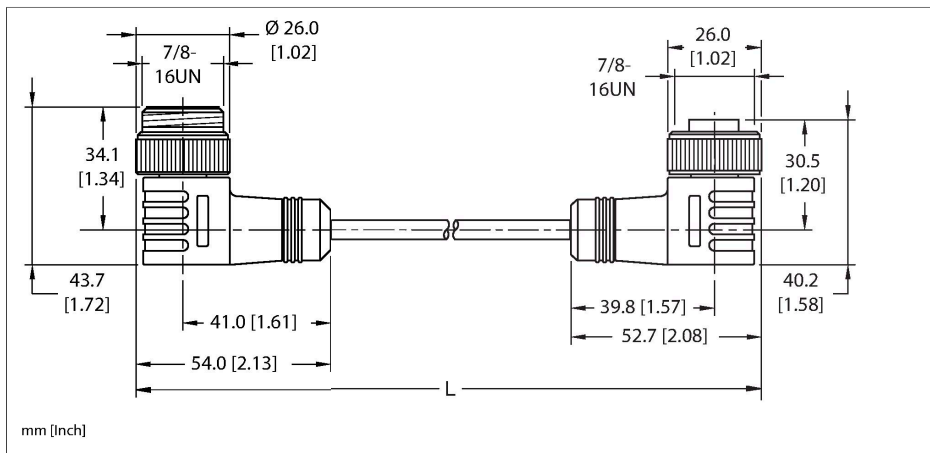


WSM WKM 461-xM/S101

Actuator and Sensor Cable – Extension Cable



Technical data

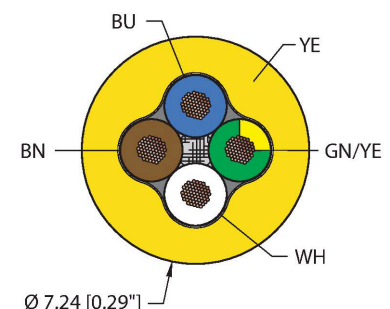
Type	WSM WKM 461-xM/S101
ID	777033102
Special version	S101 = Flexlife - High flex cable
Connector A	Male, 7/8"-16 UN, Right angle
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Connector B	Female, 7/8"-16 UN, Right angle
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K

Features



- 7/8" Male, Right-angle, 4-pin
- 7/8", Female, Right-angle, 4-pin
- Flexlife™ Cable
- Yellow TPE jacket, 4X16 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

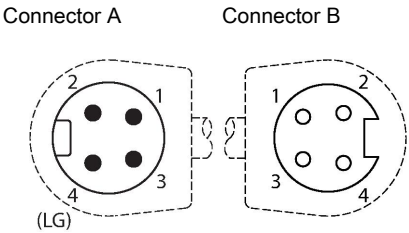
Cable cross section



Contact assignment

Technical data

	NEMA: 1, 3, 4, 6P, 12
Cable data	
Cable ID	RF51690
Total number of conductors	4
Cable diameter	Ø 7.24 mm
Cable jacket	TPE, Yellow
Conductor diameter	0.082 "
Conductor material	BC (bare copper)
Conductor insulation material	TPC-ET
Conductor size	4 x 16 AWG [Similar to 1.50 mm²]
Number of strands x O.D.	65 x 34 AWG
Conductor colors	BN, WH, BU, GNYE
Electrical properties at +20 °C	
Rated voltage	600 V
Current	10 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-40 °C
C-Track	Yes
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	5...+105 °C
Temperature range (installation)	-10...+105 °C
Approval	
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS
Note	
- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.	
- We reserve the right to make technical alterations without prior notice.	



Circuit Diagram

