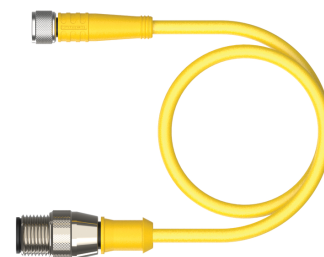
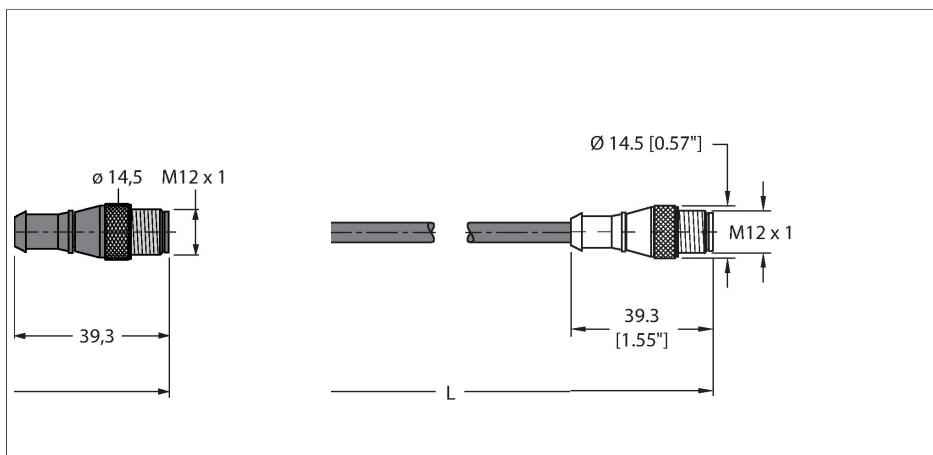


PKG 4M-0.5-RS 4.4T

Actuator and Sensor Cable – Extension Cordset



Technische Daten

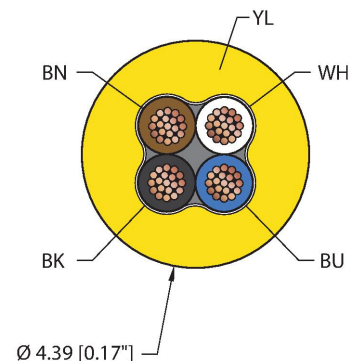
Type	PKG 4M-0.5-RS 4.4T
ID	U0881-61
Connector A	Female, M8 × 1, Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Connector seal	O-ring, Plastic, FPM/FKM
Tightening torque (range)	0.5 ... 0.6 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, When coupled
	NEMA: 1, 3, 4, 6P
Connector B	Male, M12 × 1, Straight, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	0.8 ... 1 Nm (note max. torque of mating connector!)

Features



- Cable length: 0.5 m
- M8, Female, Straight, 4-pin
- Threaded connector
- M12, Male, Straight, 4-pin
- General Purpose Cable
- Yellow PVC jacket, 4X26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

Cable cross section



Contact assignment

Technische Daten

Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP69K, Only when screwed together
	NEMA: 1, 3, 4, 6P

Cable data	
Cable ID	RF50697
Total number of conductors	4
Cable diameter	Ø 4.39 mm
Length (L)	0.5 m
Cable jacket	PVC, Yellow
Conductor diameter	0.039 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	4 x 26 AWG [Similar to 0.14 mm²]
Number of strands x O.D.	19 x 38 AWG
Conductor colors	BN, WH, BU, BK

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

Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
Torsion rating	Max. 20 million
UL cold bend rating	-40 °C
Flex rating 10 x Ø	20 million cycles

*When correctly installed at 20 °C, 50 % RH.

C-Track	Yes
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	5...+105 °C
Temperature range (installation)	-10...+105 °C

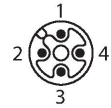
Approval	
Approvals	UL 2238 CE UKCA RoHS

Note	
	- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated

Connector A

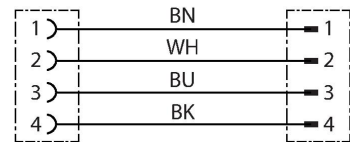


Connector B



Pin Assignment

Circuit Diagram

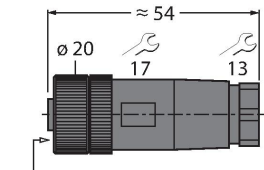
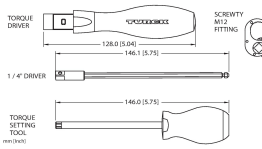


Technische Daten

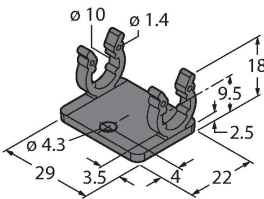
cycle speed, or operating below the rated cable bend radius.

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

Montagezubehör

B 8141-0	U6545	TORQUE-WRENCH-SET-M12-LEGACY	A900153
	Field-wireable female connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, plastic coupling nut		Adjustable torque driver to connect to a Ø15mm knurl. Compatible with the redesigned and legacy M12 cordsets. Includes (1) adjustable torque driver, (1) adjustment tool, (1) 1/4"square to 4mm hex adaptor bit, and (1) Ø15mm spring loaded clamp bit

Montagezubehör

M8-CORDSETS-MOUNTING-CLIP-(10/BAG)	200005995
	10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.