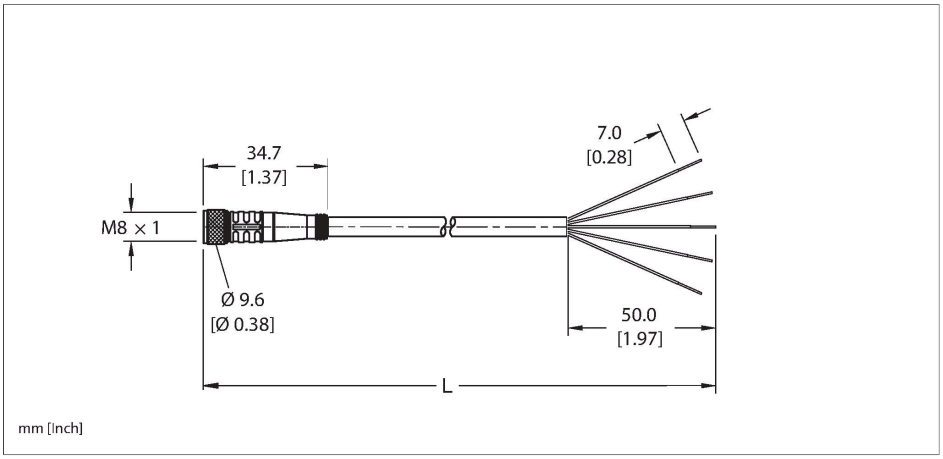
PKG 5M-20
Actuator and Sensor Cable – Connection Cable



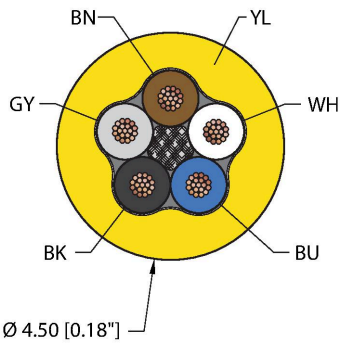
Features

- M8, Female, Straight, 5-pin
- Threaded connector
- General Purpose Cable
- Yellow PVC jacket, 5X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Technische Daten

Type	PKG 5M-20
ID	100016948
Connector A	Female, M8 × 1, Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Connector seal	O-ring, Plastic, FKM/FPM
Tightening torque (range)	0.4 … 0.8 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
	NEMA: 1, 3, 4, 6P
Cable data	
Cable ID	RF51823
Total number of conductors	5
Cable diameter	Ø 4.5 mm
Length (L)	20 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	PVC, Yellow
Conductor diameter	0.038 "
Conductor material	TC (tinned copper)

Cable cross section



Contact assignment

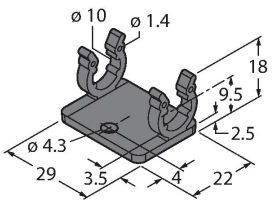
Connector A

Technische Daten

Conductor insulation material	SR-PVC
Conductor size	5 x 24 AWG [Similar to 0.25 mm²]
Number of strands x O.D.	19 x 36 AWG
Conductor colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
Rated voltage	30 VAC/DC
Current	3 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40…+105 °C
Ambient temperature range (dynamic)	-40…+105 °C
Temperature range (installation)	-20…+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.

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.

PKG 5M-20| 21-02-2025 23-21 | Technische Änderungen vorbehalten