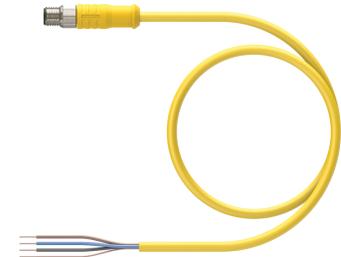
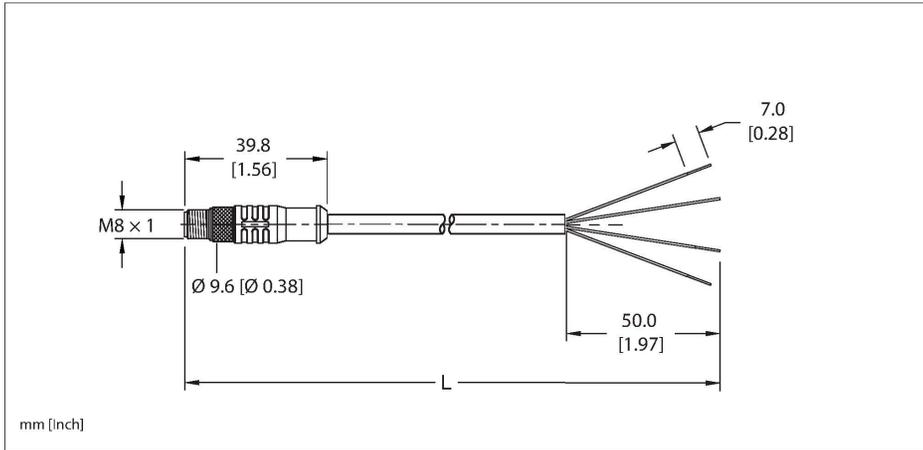


PSGS 3M-x

Actuator and Sensor Cable – Connection Cable



Technische Daten

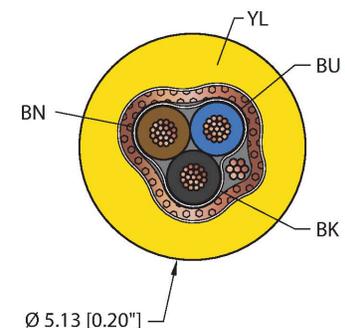
Type	PSGS 3M-x
ID	777016225
Connector A	Male, M8 × 1, Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68
Cable data	
Cable ID	RF51422
Total number of conductors	3
Cable diameter	Ø 5.13 mm
Cable jacket	PVC, Yellow
Shielding	Aluminum/polyester (OUT), 38 AWG, TC (Tinned Copper), 65% coverage, 26 AWG, TC (Tinned Copper)
Conductor diameter	0.044 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	3 x 24 AWG [Similar to 0.25 mm ²]
Number of strands x O.D.	19 x 36 AWG

Features



- M8, Male, Straight, 3-pin
- Threaded Connector
- General Purpose Cable
- Yellow PVC jacket, shielded, 3X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Cable cross section



Contact assignment

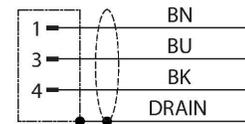
Technische Daten

Connector A

Conductor colors	BU, BK, BN
Electrical properties at +20 °C	
Rated voltage	125 VAC/DC
Current	4 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-40 °C
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



Circuit Diagram



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.

PSGS 3M-x | 21-02-2025 20-00 | Technische Änderungen vorbehalten