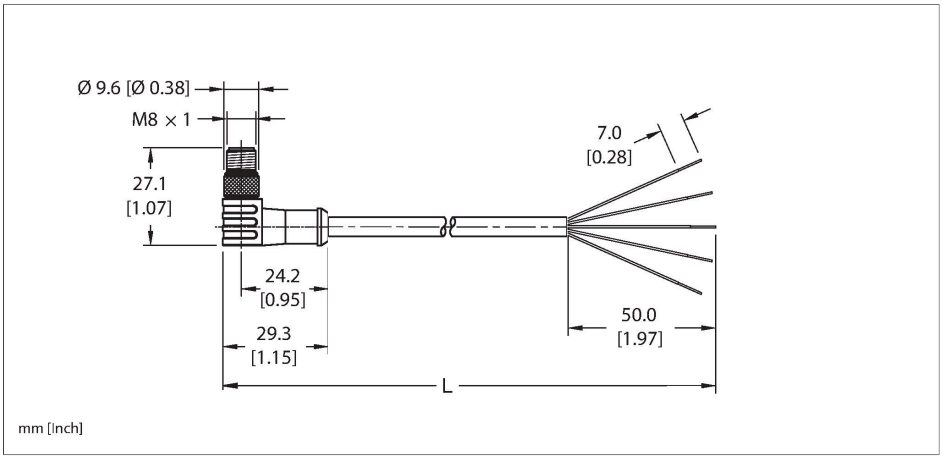
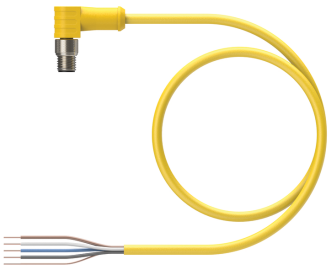
PSWS 4M-2
Actuator and Sensor Cable – Connection Cable





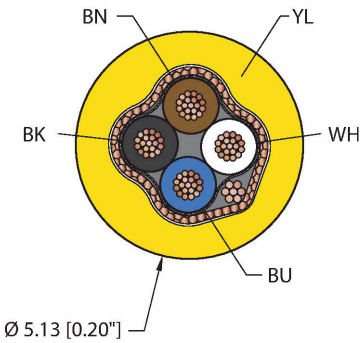
Technische Daten

Type	PSWS 4M-2
ID	U2-10887
Connector A	Male, M8 × 1, Right angle
Design specification	Acc. to IEC 61076-2-104
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
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)	IP68
Cable data	
Cable ID	RF51424
Total number of conductors	4
Cable diameter	Ø 5.13 mm
Length (L)	2 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	PVC, Yellow
Shielding	Aluminum/polyester (OUT), 38 AWG, TC (Tinned Copper), 65% coverage, 26 AWG, TC (Tinned Copper)
Conductor diameter	0.039 "
Conductor material	TC (tinned copper)

Features

- M8, Female, Right-angle, 4-pin
- Threaded Connector
- Shielded to coupling nut
- General Purpose Cable
- Yellow PVC jacket, shielded, 4X26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Cable cross section



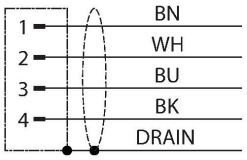
Contact assignment

Technische Daten

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)	≥ 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
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.

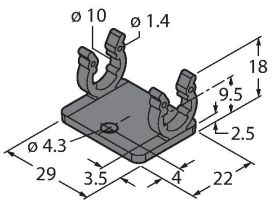
Connector A

Circuit Diagram



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.