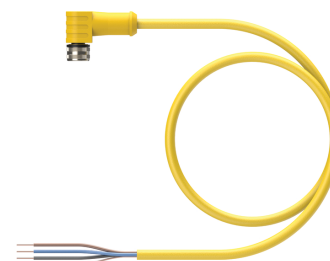
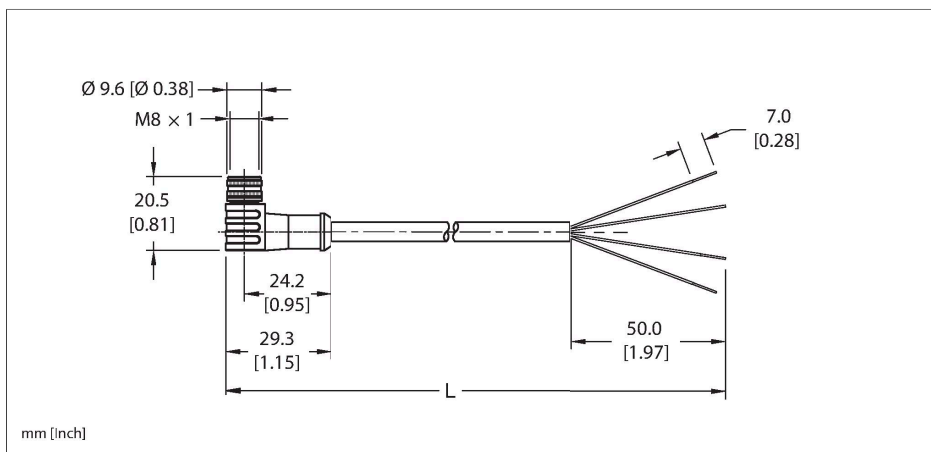


PKWS 3M-x

Actuator and Sensor Cable – Connection Cable



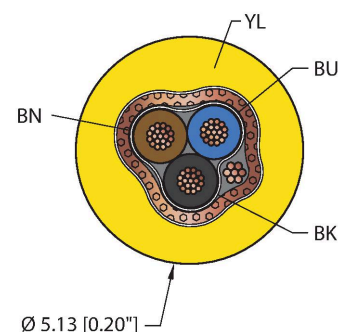
Technische Daten

Type	PKWS 3M-x
ID	777016227
Connector A	Female, M8 x 1, Right angle
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
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
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)

Features

-
-
- M8, Female, Right-angle, 3-pin
- Threaded Connector
- Shielded to coupling nut
- 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

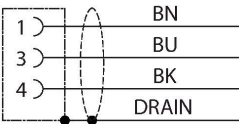
Conductor insulation material	PVC
Conductor size	3 x 24 AWG [Similar to 0.25 mm²]
Number of strands x O.D.	19 x 36 AWG
Conductor colors	BU, BK, BN
Electrical properties at +20 °C	
Rated voltage	125 VAC/DC
Current	4 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 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
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.