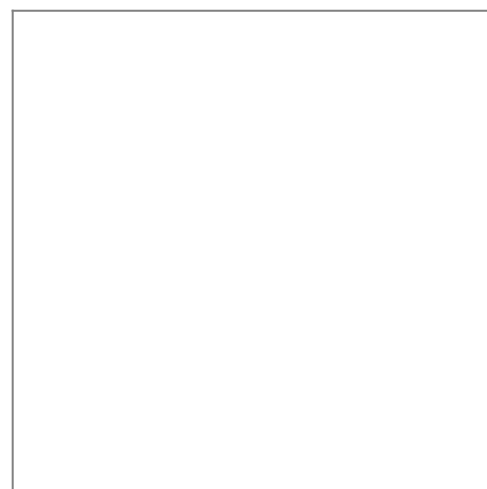
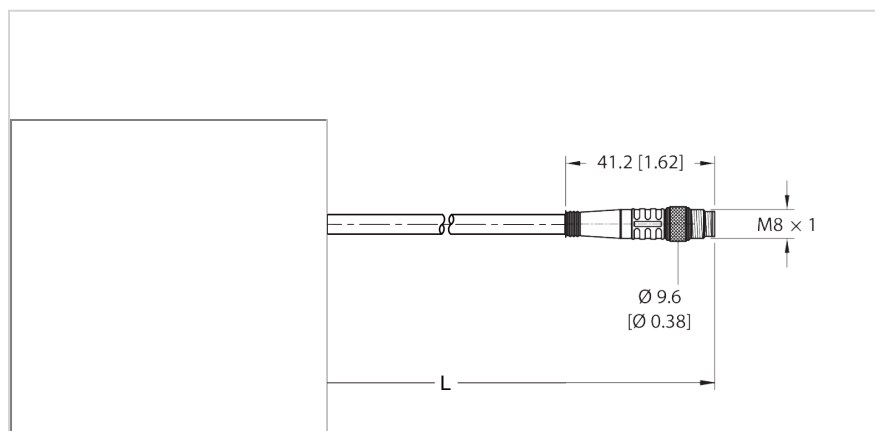


PKG 3M-2-PSG 3M

Actuator and Sensor Cable Verbindungsleitung



Type designation	PKG 3M-2-PSG 3M
Ident-No.	U2515-20

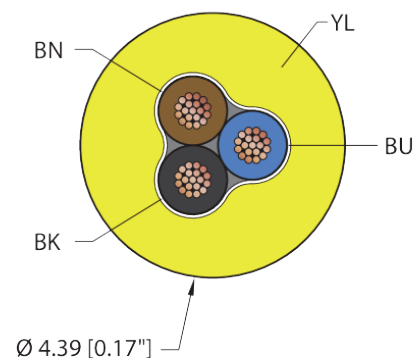
Features

- Threaded connector
- M8 male connector, straight, 3-pin

Technical data

General data	
	Using the cable in extreme temperatures, when it is exposed to certain chemicals and above the nominal cycle speed or below the nominal bending radius of the cable can reduce the flexural strength.
Electrical data	
Current	4 A
Rated voltage	125 VAC/DC
Mechanical data	
Bending radius (stationary installation)	≥5 x Ø
Bending radius (flexible use)	≥10 x Ø
Bending cycles 20 x Ø	10 million cycles *
	When correctly installed at 20 °C, 50 % RH and a cycle speed of ≤ 0.5 cycles per second.
C-track	Yes
Cold flexural strength	-40 °C
Connector A	
Mechanical lifespan	> 100 Mating cycles

Cable Cross-Section



Technical data

Connector A	Female, M8 x 1, Straight
Design specification	nachIEC 61076-2-104
Number of Pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	O ring, Plastic, FKM/FPM
Pollution degree	3
Protection class	IP67
	NEMA: 1, 3, 4, 6P

Connector B

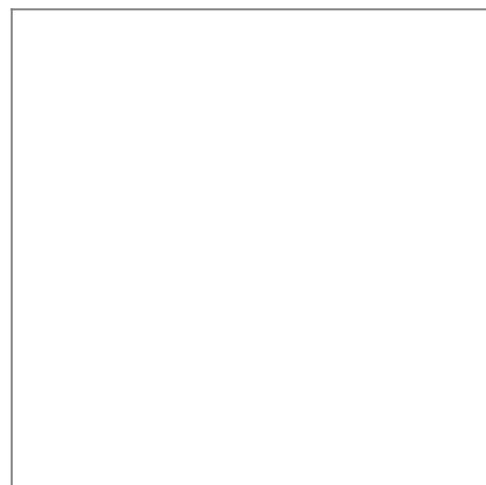
Mechanical lifespan	> 100 Mating cycles
Connector B	Male, M8 x 1, Straight
Design specification	nachIEC 61076-2-104
Number of pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	0.4...0,8 Nm
Pollution degree	3
Protection class	IP68
	NEMA: 1, 3, 4, 6P

Cable

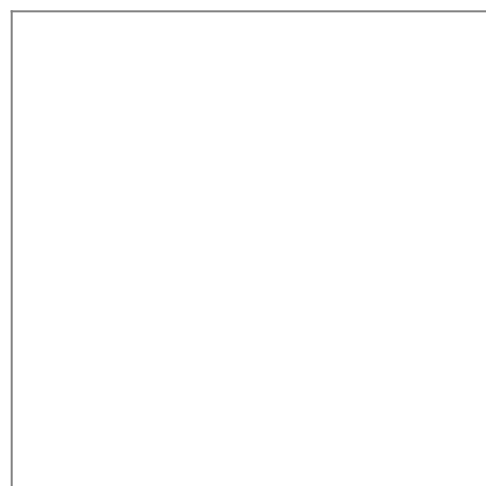
Number of cores	3
Cable diameter	4,39 mm
Cable length	2 m, , (+ 50 mm or 4 % of the length/-0.0, depending on which value is larger)
Cable jacket	PVC, Yellow
Conductor diameter	0.044 "
Conductor material	TC (tinned copper)
Core insulation	PVC
Core cross-section	3 x 24 AWG [Similar to 0.25 mm²]
Arrangement of strands	19 x 36 AWG
Core colors	BN, BU, BK

Ambient conditions

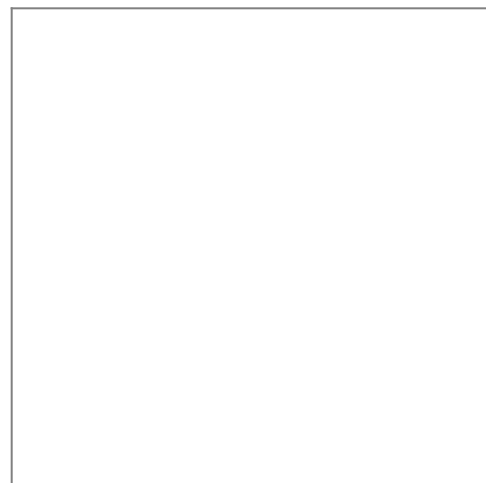
Connector A



Connector B



Circuit Diagram



Technical data

Ambient temperature (mobile)	5...+105 °C
Ambient temperature (fixed)	-40...+105 °C
Ambient temperature during installation	-10...+105 °C

Comments

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