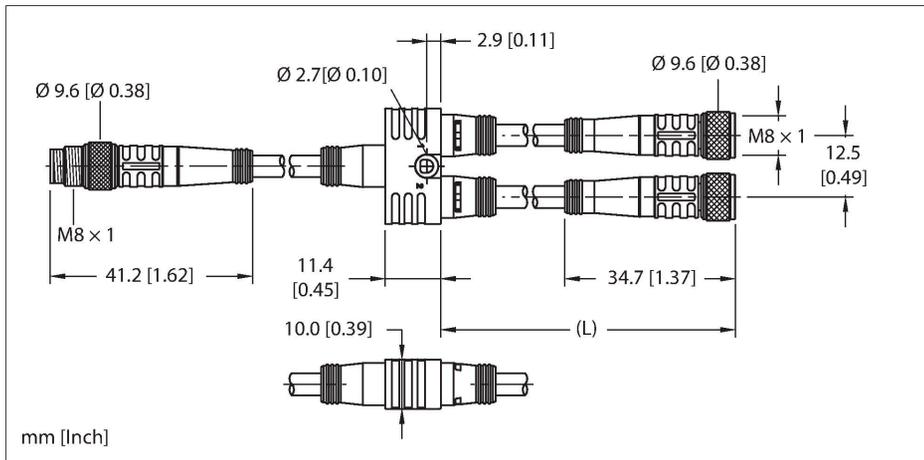


YP2-PSG3M-x/2PKG3M-x/x/S651

Actuator and Sensor Splitter – M8 Splitter 3-Wire



Technische Daten

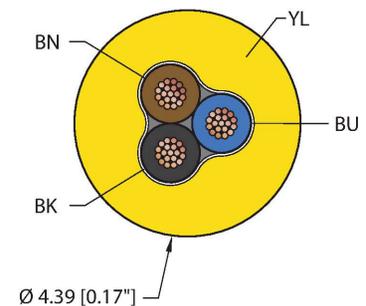
Type	YP2-PSG3M-x/2PKG3M-x/x/S651
ID	777014954
Special version	S651 = Parallel wiring
Distributed I/O	Splitter, 2 -port, With integral homerun cable
Housing	Plastic, TPU, Yellow
Connector A	Male, M8 × 1
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
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
Connector B	Female, M8 × 1
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black

Features



- Cable on trunk and branches
- M8, Male, Straight, 3-pin
- Threaded connector
- Parallel wiring
- 2x M8, Female, Straight, 3-pin
- Threaded connector
- General Purpose Cable
- Yellow PVC jacket, 3X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

Cable cross section



Contact assignment

YP2-PSG3M-x/2PKG3M-x/x/S651 | 22-02-2025 01-43 | Technische Änderungen vorbehalten

Technische Daten

Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Seal	O-ring, Plastic, FKM/FPM
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
Cable data	
Cable ID	RF50642
Total number of conductors	3
Cable diameter	Ø 4.39 mm
Cable jacket	PVC, Yellow
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
Conductor colors	BN, BU, BK
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)	≥ 10 x Ø
UL cold bend rating	-40 °C
Flex rating 20 x Ø	10 million cycles
	*When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.
C-Track	Yes
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	5...+105 °C
Temperature range (installation)	-10...+105 °C
Approval	
Approvals	RoHS UL Listed CE
Note	

- Flex ratings may be reduced if used in extreme temperatures, exposure to cer-

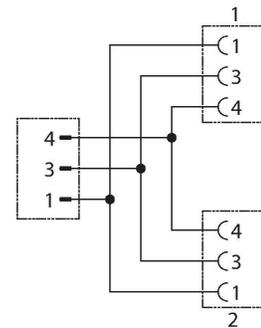
Connector A



Connector B



Circuit Diagram



Technische Daten

tain 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.
