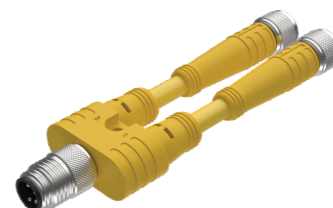
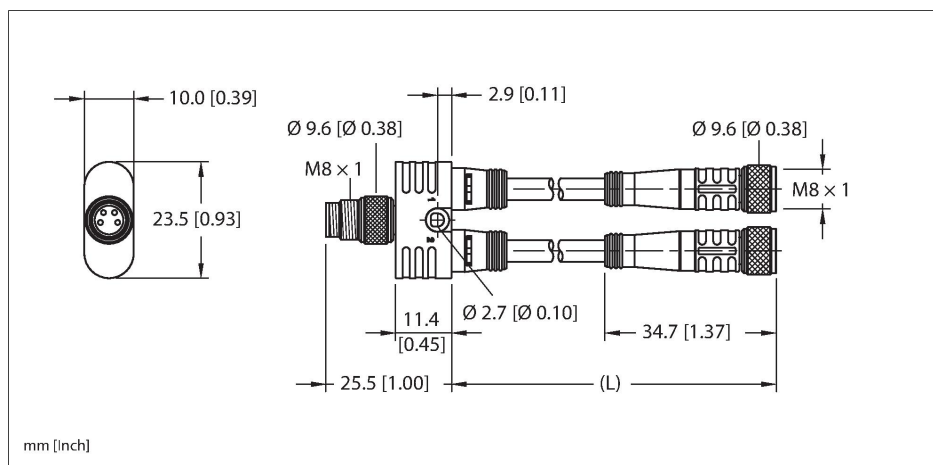


YP2-MFS4/2PKG4M-x/x/S651

Actuator and Sensor Splitter – M8 Splitter 4-Wire



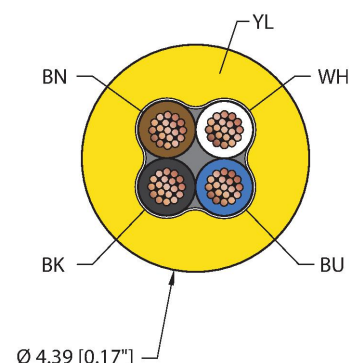
Technische Daten

Type	YP2-MFS4/2PKG4M-x/x/S651
ID	777014992
Special version	S651 = Parallel wiring
Distributed I/O	Splitter, 2 -port
Housing	Plastic, TPU, Yellow
Connector A	Male, M8 × 1
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)	IP67
Connector B	Female, M8 × 1
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

Features

- Cable on branches
- M8, Male, Straight, 4-pin
- Threaded connector
- Parallel wiring
- 2x M8, Female, Straight, 4-pin
- Threaded connector
- General Purpose Cable
- Yellow PVC jacket, 4X26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

Cable cross section



Contact assignment

Technische Daten

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	RF50697
Total number of conductors	4
Cable diameter	Ø 4.39 mm
Cable jacket	PVC, Yellow
Conductor diameter	0.039 "
Conductor material	TC (tinned copper)
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)	≥ 10 x Ø
Torsion rating	Max. 20 million
UL cold bend rating	-40 °C
Flex rating 10 x Ø	20 million cycles
	*When correctly installed at 20 °C, 50 % RH.
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 certain chemicals, operating above the rated

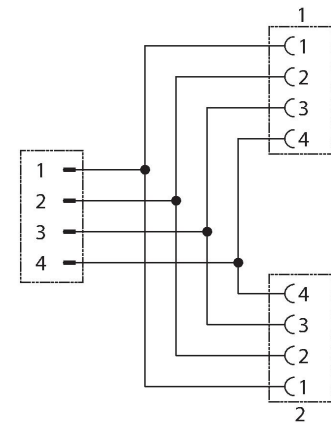
Connector A



Connector B



Circuit Diagram



Technische Daten

cycle speed, or operating below the rated cable bend radius.

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