

M8 Actuator/Sensor Distribution Boxes

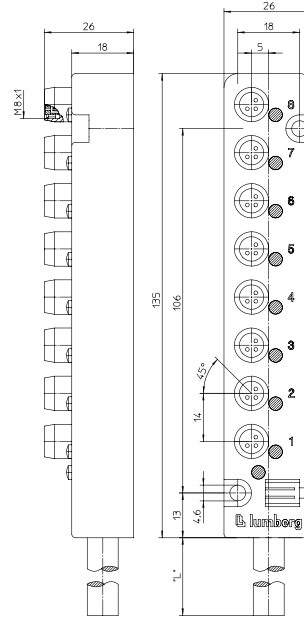
SB 8/LED 3



8-Ports (LED)

Pluggable miniature actuator/sensor distribution box with LED operation and function indicators, top-entry, 8-ports, M8 socket, 3-poles, 1 signal per socket with integrated control cable.

8-Ports

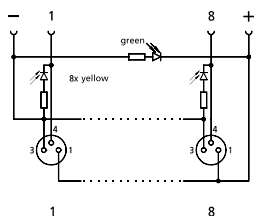


Pin Assignments

M8

Wiring Diagrams

4-Ports



- 1 = brown (+)
- 3 = blue (-)
- 4 = white (1)
- green (2)
- yellow (3)
- grey (4)
- pink (5)
- red (6)
- black (7)
- violet (8)



Be Certain with Belden

M8 Actuator/Sensor Distribution Boxes SB 8/LED 3-333

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
 Operating temperature range -15°C (+5°F) / +80°C (+176°F)

Mechanical

Housing PBT
 Insert TPU, self-extinguishing
 Contact CuSn, pre-nickelated and 0.8 microns gold-plated
 Receptacle shell Brass, nickel-plated
 O-ring FKM

Electrical




Contact resistance $\leq 5m\Omega$
 Voltage rating 10-30 V DC
 Current rating 2 A per port / 2 A max. total

Accessories (included)

ZVKM 2 M8 dust covers for unused sockets
 ZBR 5/10 Attachable labels:
 10 pieces

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
333	PUR, halogen-free	2 x 0.50 mm ² 8 x 0.34 mm ²	Black	.347" (8.8 mm)

Part Number	Ports	Standard Cable Lengths	Mating Cordsets	Characteristics
SB 8/LED 3-333/...M	8	5M, and 10M	RSMV 3... or RSMWV 3...	  

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