

## M8 Actuator/Sensor Distribution Boxes

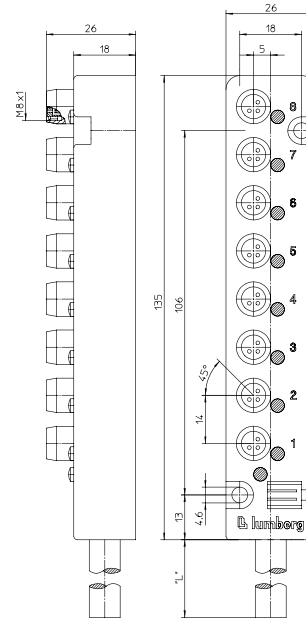
### SB 8/LED 3



### 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

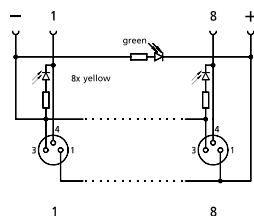


## Pin Assignments

### 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	≤5mΩ
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 <sup>2</sup> 8 x 0.34 mm <sup>2</sup>	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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