

## M12 Actuator/Sensor Distribution Boxes

ASB 4/LED | ASB 6/LED | ASB 8/LED

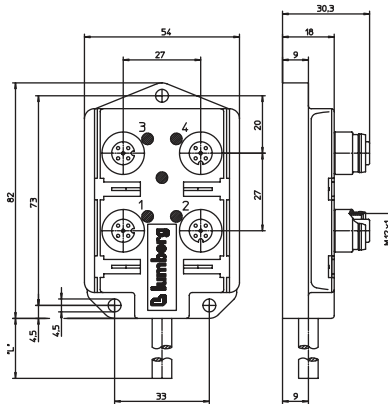


### 4-, 6-, and 8-Ports (LED)

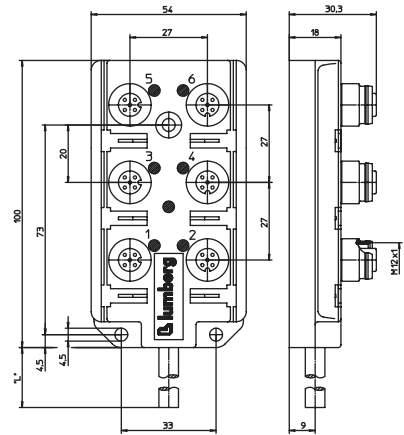
Actuator/sensor distribution box with LED operation and function indicators, top-entry, 4-, 6-, and 8-ports, M12 sockets, 4-poles, 1 signal per socket, with integrated control cable.

— control cable is suitable for c-track applications —

#### 4-Ports



#### 6-Ports

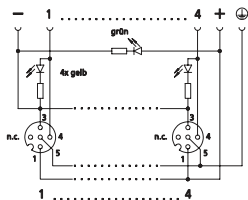


## Pin Assignments

### M12 Wiring Diagrams

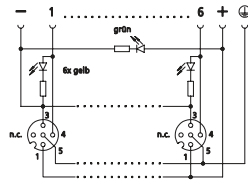


#### 4-Ports



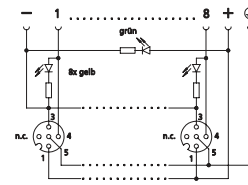
- 1 = brown (C1)
- 2 = n.c.
- 3 = blue (C3)
- 4 = white (1)
- green (2)
- yellow (3)
- grey (4)
- 5 = green/yellow (PE)

#### 6-Ports

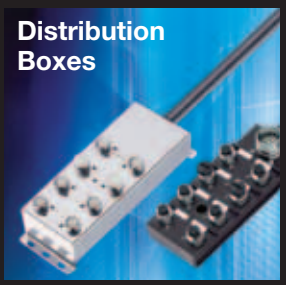


- 1 = brown (C1)
- 2 = n.c.
- 3 = blue (C3)
- 4 = white (1)
- green (2)
- yellow (3)
- grey (4)
- pink (5)
- red (6)
- 5 = green/yellow (PE)

#### 8-Ports



- 1 = brown (C1)
- 2 = n.c.
- 3 = blue (C3)
- 4 = white (1)
- green (2)
- yellow (3)
- grey (4)
- pink (5)
- red (6)
- black (7)
- violet (8)
- 5 = green/yellow (PE)

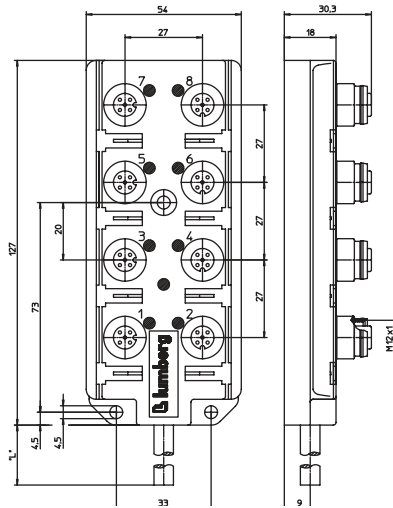


Be Certain with Belden

**M12 Actuator/Sensor Distribution Boxes**

ASB 4/LED 5-4-328 | ASB 6/LED 5-4-330 | ASB/LED 8 5-4-331

**8-Ports**



**Technical Data**

**Environmental**

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

**Mechanical**

Housing TPU, self-extinguishing  
 Insert PA GF, self-extinguishing  
 Contact CuZn, pre-nickel and 0.8 microns gold-plated  
 Receptacle shell CuZn, nickel-plated  
 O-ring FKM

**Electrical**

Contact resistance ≤5mΩ  
 Voltage rating 10-30 V DC  
 Current rating 4 A per port / 12 A max. total  
 Insulation resistance > 10<sup>9</sup> Ω

**Accessories (included)**

ZVK 2 dust covers for unused sockets  
 ZBS 10 attachable labels

**Cable Specifications**

Cable No.	Outer Jacket	Conductor Size	Color	Outside Diameter
328	PUR, halogen-free	3 x 0.75 mm <sup>2</sup> 4x 0.34 mm <sup>2</sup>	Black	.268" (6.8 mm)
330	PUR, halogen-free	3 x 0.75 mm <sup>2</sup> 6x 0.34 mm <sup>2</sup>	Black	.299" (7.6 mm)
331	PUR, halogen-free	3 x 0.75 mm <sup>2</sup> 8 x 0.34 mm <sup>2</sup>	Black	.315" (8.0 mm)

Part Number	Ports	Standard Cable Length	Characteristics
ASB 4/LED 5-4-328/...M	4	5M and 10M	
ASB 6/LED 5-4-330/...M	6	5M and 10M	
ASB 8/LED 5-4-331/...M	8	5M and 10M	

Distribution Boxes

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