

**M12 Actuator/Sensor Distribution Boxes**

ASBV.../LED

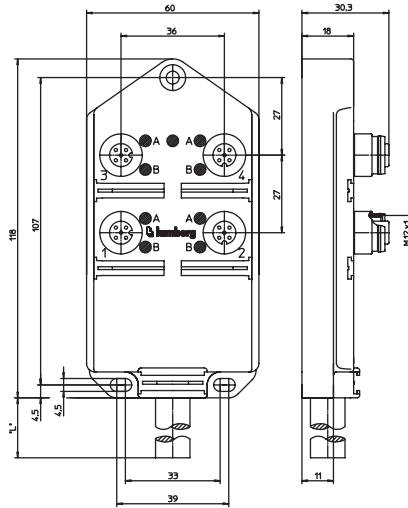


**8-Ports (LED)**

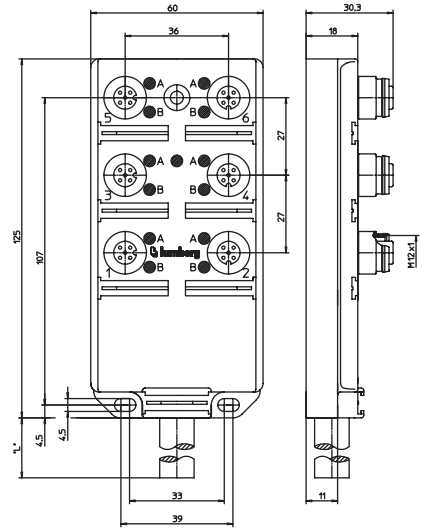
Actuator/sensor distribution box with LED operation and function indicators, top-entry, 4-, 6-, and 8-ports, M12 sockets, 5-poles, 2 signals per socket, with integrated control cable.

– control cable is suitable for c-track applications –

**4-Ports**



**6-Ports**

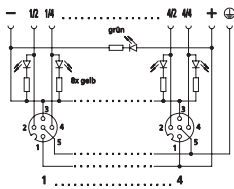


**Pin Assignments**

**M12 Wiring Diagrams**

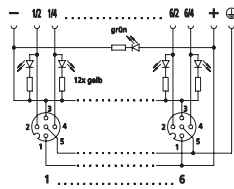


**4-Ports**



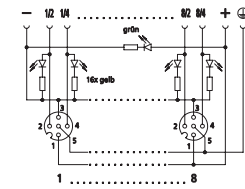
- 1 = brown (C1)
- 2 = grey/pink (1)
- red/blue (2)
- white/green (3)
- brown/green (4)
- blue (C3)
- white (1)
- green (2)
- yellow (3)
- grey (4)
- 5 = green/yellow (PE)

**6-Ports**



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

**8-Ports**



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

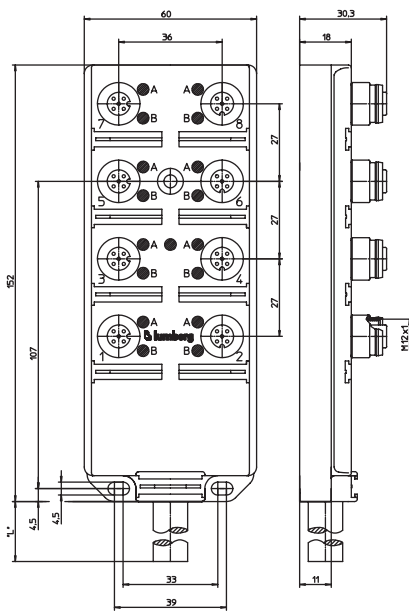


Be Certain with Belden

### M12 Actuator/Sensor Distribution Boxes

ASBV 4/LED 5-256 | ASBV 6/LED 5-332 | ASBV 8/LED 5-242

#### 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-nickeled 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
256	PUR, halogen-free	3 x 1.00 mm <sup>2</sup> 8 x 0.50 mm <sup>2</sup>	Black	.457" (11.6 mm)
332	PUR, halogen-free	3 x 1.00 mm <sup>2</sup> 12x 0.50 mm <sup>2</sup>	Black	.358" (9.1 mm)
242	PUR, halogen-free	3 x 1.00 mm <sup>2</sup> 16 x 0.50 mm <sup>2</sup>	Black	.453" (11.5 mm)

Part Number	Ports	Standard Cable Length	Characteristics
ASBV 4/LED 5-256/...M	4	5M, 10M, 15M	
ASBV 6/LED 5-332/...M	6	5M, 10M, 15M	
ASBV 8/LED 5-242/...M	8	5M, 10M, 15M	

Distribution Boxes

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Lumberg Automation:

[ASBV 4/LED 5-256/20 M](#) [ASBV 6/LED 5-332/15 M](#) [ASBV 8/LED 5-242/15 M](#) [ASBV 8/LED 5-242/25 M](#) [ASBV 8/LED 5-242/20 M](#) [ASBV 8/LED 5-242/5 M](#) [ASBV 8/LED 5-242/10 M](#) [ASBV 4/LED 5-256/10 M](#) [ASBV 4/LED 5-256/15 M](#) [ASBV 4/LED 5-256/5 M](#) [ASBV 6/LED 5-332/10 M](#) [ASBV 6/LED 5-332/5 M](#)