

M12 Rugged Distribution Boxes, Two Signals Per Socket, with or without LED

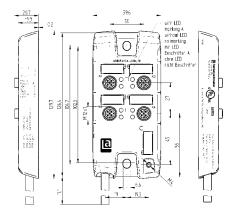
ASBV-R 4...5-256 | ASBV-R 8... 5-242



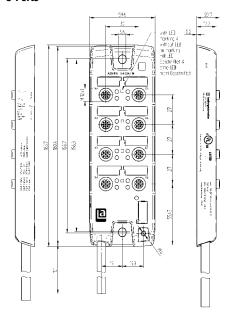
4- and 8-Ports

ASBV-R wired actuator/sensor distributor, 4 or 8 x M12 ports, 5-poles, with or without LED operating and function display, two signals per socket, ground connection, with integrated control cable, PUR jacket, halogenfree, black

4-Ports



8-Ports



Pin Assignments

M12 Wiring Diagrams



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4-Ports

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



8-Ports

- 1 = brown (+) 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)
- red (6) black (7) violet (8) 5 = green/yellow (PE)

Be Certain with Belden



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Technical Data

Environmental Conditions

Degree of protection IP65 / IP67

Pollution severity 3

Operating temperature range -40°C / +80°C (dragchain max. 60°C)

Materials

Contact CuZn, pre-nickeled and gold-plated

Contact bearer TPU-GF, self-extinguishing

Housing Zinc die casting

O-ring FKM

Electrical Data

Rated voltage 30 V

Rated current* 4 A per outlet / 10 A max. total; at 40°C

 $\begin{array}{ll} \mbox{Rated impulse voltage} & 32 \mbox{ V} \\ \mbox{Contact resistance} & \leq 5 \mbox{m} \Omega \\ \mbox{Insulation resistance} & > 10^9 \ \Omega \\ \end{array}$

Additional Technical Data

operation display: LED Green Function display / channel status:

LED Channel A: Yellow LED Channel B: White

Cable Specifications

| Cable No. | Outer Jacket | Conductor Size | Color | Outside Diameter |
|-----------|-------------------|---|-------|------------------|
| 256 | PUR, halogen-free | 3 x 1.00 mm ² 8 x 0.50 mm ² | Black | .457" (11.6 mm) |
| 242 | PUR, halogen-free | 3 x 1.00 mm ² 16 x 0.50 mm ² | Black | .453" (11.5 mm) |

| Part Number | | Ports | Standard Cable Length | Characteristics |
|------------------|----------------------|-------|-----------------------|------------------------|
| ASBV-R 4 5-256/M | ASBV-R 4/LED 5-256/M | 4 | 5M and 10M | UL CSA P P |
| ASBV-R 8 5-242/M | ASBV-R 8/LED 5-242/M | 8 | 5M and 10M | (UL) (CSA) (***) (G**) |

^{*} only in locked position with its proper counterparts or dust covers