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

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

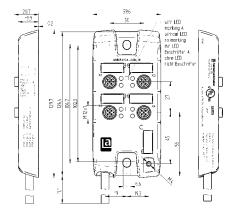
ASBV-R 4/LED 5-4-256 | ASBV-R 8/LED 5-4-242



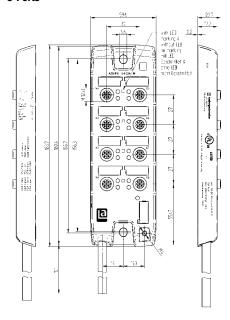
4- and 8-Ports

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



4-Ports

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

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

Materials

Contact CuZn, pre-nickeled and gold-plated

Contact bearer TPU-GF
Housing Zinc die casting

O-ring FKM

Electrical Data

Rated voltage 30 V

Rated current* 4 A per outlet / 12 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 5-4-256/M	ASBV-R 4/LED 5-4-256/M	4	5M and 10M	
	ASBV-R 8 5-4-242/M	ASBV-R 8/LED 5-4-242/M	8	5M and 10M	

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

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

<u>ASBV-R 4/LED 5-256/10 M</u> <u>ASBV-R 4/LED 5-256/5 M</u> <u>ASBV-R 8/LED 5-242/10 M</u> <u>ASBV-R 8/LED 5-242/15 M</u> ASBV-R 8/LED 5-242/5 M