M12 Rugged Distribution Boxes, One Signal Per Socket, with or without LED

ASB-R 4 5-4-328 | ASB-R 8 5-4-331
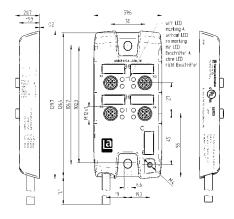
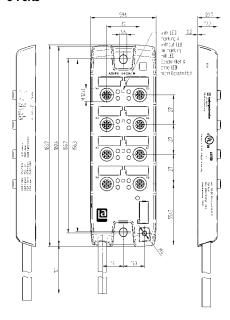ASB-R 4/LED 5-4-328 | ASB-R 8/LED 5-4-331

4- and 8-Ports

ASB-R wired actuator/sensor distributor, 4 or 8 x M12 ports, 4-poles, with or without LED operating and function display, one signal 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 = n.a.
3 = blue (-)
4 = white (1)
    green (2)
    yellow (3)
    grey (4)
5 = green/yellow (PE)

8-Ports

1 = brown (+)
2 = n.a.
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	3
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 / 8 A max. total; at 40°C
Rated impulse voltage	32 V
Contact resistance	≤5mΩ
Insulation resistance	> 10^9 Ω

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

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
328	**PUR**, halogen-free	3 x 0.75 mm^2 4 x 0.34 mm^2	Black	.268" (6.8 mm)
331	**PUR**, halogen-free	3 x 0.75 mm^2 8 x 0.34 mm^2	Black	.315" (8.0 mm)

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