

M12 Actuator/Sensor Distribution Boxes

ASBV

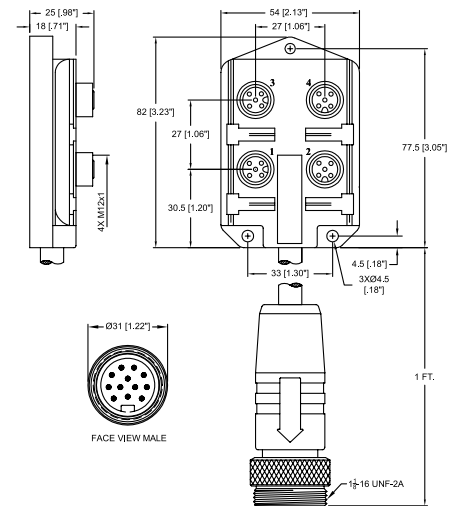


4- and 8-Ports (Dual Solenoids)

Actuator distribution box with dual solenoids, 4- and 8-port, top-entry, M12 sockets, 3-poles, 2 signals per socket, with Mini quick-disconnect control cable.

— control cable is suitable for c-track applications —

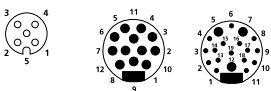
4-Ports



Pin Assignments

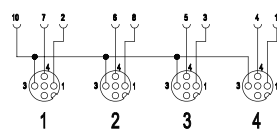
M12 / Mini 1 1/8"

5 P 12 P 19 P



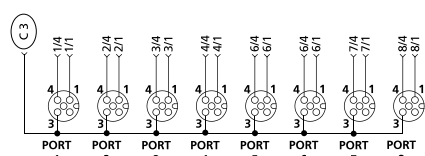
Wiring Diagrams

4-Ports



- 1 = brown/green
- 2 = grey/pink
- 3 = white/green
- 4 = grey
- 5 = yellow
- 6 = green
- 7 = white
- 8 = red/blue
- 9 = n.c.
- 10 = blue (-)
- 11 = n.c.
- 12 = n.c.

8-Ports



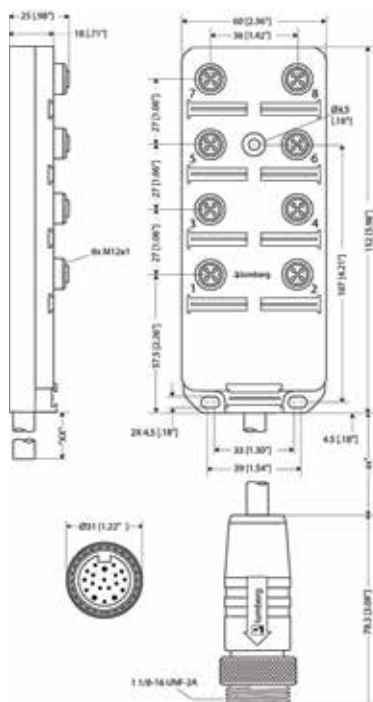
- 1 = grey/pink (1)
- 2 = red/blue (2)
- 3 = white/green (3)
- 4 = brown/green (4)
- 5 = white/yellow (5)
- 6 = yellow/brown (6)
- 7 = white/grey (7)
- 8 = grey/brown (8)
- 3 = blue (C3) (-)
- 19 = white (1)
- 4 = green (2)
- 8 = yellow (3)
- 14 = grey (4)
- 9 = pink (5)
- 13 = red (6)
- 10 = black (7)
- 18 = violet (8)
- 5 = n.c.
- 15 = green (2)
- 16 = yellow (3)
- 3 = grey (4)
- 17 = pink (5)
- 2 = red (6)
- 11 = black (7)
- 1 = violet (8)
- 7 = n.c.
- 12 = n.c.



M12 Actuator/Sensor Distribution Boxes

ASBV 4 4-3-256/RS120M | ASBV 8 4-3-242/RS190M

8-Ports



Technical Data

Environmental

Degree of protection
Operating temperature range

IP 68 / NEMA 6P
-15°C (+5°F) / +90°C (+194°F)

Mechanical

Housing
Insert
Contact
Receptacle shell
O-ring

PUR, grey
Nylon, black
CuZn, gold over nickel plating
CuZn, nickel-plated
Viton

Mini Quick Disconnect

Molded body
Insert
Contact
Coupling nut

PUR, yellow
PUR, yellow
CuZn, gold over nickel plated
Aluminum, black anodized

Electrical

Voltage rating
Current rating

250 V
4 A per port / 12 A max. total

Accessories (included)

ZVK
ZBS

2 dust covers for unused sockets
10 attachable labels

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Color	Outside Diameter
256	PUR, Hi-Flex	3 x 1mm ² 8 x 0.50mm ²	Black	.366" (9.3 mm)
242	PUR Halogen-Free	3 x 1mm ² 16 x 0.50mm ²	Black	.457" / Ø 11.6mm

Part Number	Ports	Standard Cable Length	Characteristics
ASBV 4 4-3-256/RS120M	4	1F	  
ASBV 8 4-3-242/RS190M	8	1F	  

Mouser Electronics

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[ASBV 4 4-3-256-RS120M](#) [ASBV 8 4-3-242-RS190M](#)