

M12 Actuator/Sensor Distribution Boxes

ASBV...LED

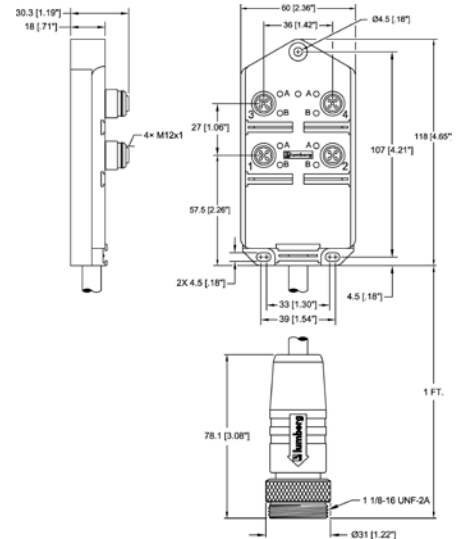


4- and 8-Ports (LED)

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

— control cable is suitable for c-track applications —

4-Ports



Pin Assignments

M12 / Mini 1 1/8"

Wiring Diagrams

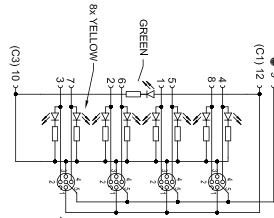
5 P

12 P

19 P

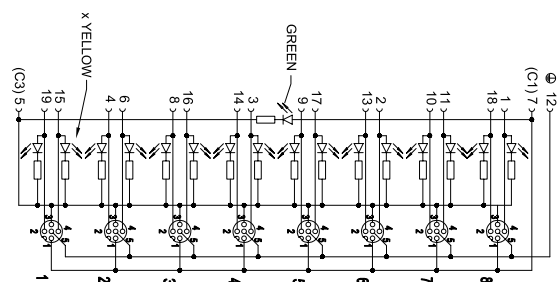


4-Ports



1 =	brown	(C1)	12
2 =	grey/pink	(1)	3
	red/blue	(2)	2
	white/green	(3)	1
	brown/green	(4)	8
3 =	blue	(C3)	10
4 =	white	(1)	7
	green	(2)	6
	yellow	(3)	5
	grey	(4)	4
5 =	yellow/green	(gnd)	9

8-Ports



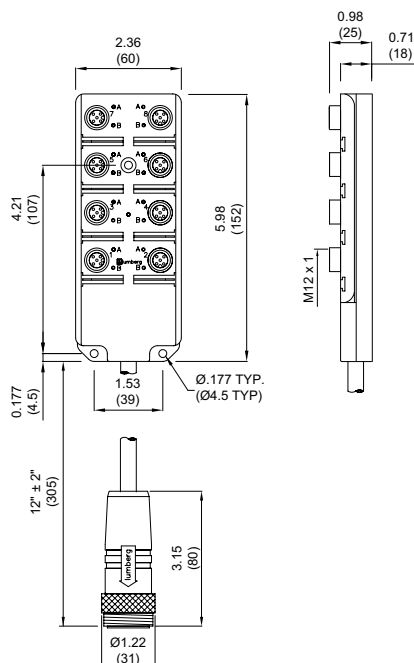
M12 Port	Wire Color	(C1)	MINI Plug		
1 =	brown	(C1)	7 ±	green	(2) 6
2 =	grey/pink	(1)	19	yellow	(3) 16
	red/blue	(2)	4	grey(4)	3
	white/green	(3)	8	pink(5)	17
	brown/green	(4)	14	red (6)	2
	white/yellow	(5)	9	black (7)	11
	yellow/brown	(6)	13	violete (8)	1
	white/grey	(7)	10	5 = yellow/green	(gnd) 12 ±
	grey/brown	(8)	18		
3 =	blue	(C3)	5 ±		
4 =	white	(1)	15		



M12 Actuator/Sensor Distribution Boxes

ASBV 4/LED 5-256/RS120M | ASBV 8/LED 5-242/RS190M

8-Ports



Technical Data

Environmental

Degree of protection

IP 68 / NEMA 6P

Operating temperature range

-15°C (+5°F) / +90°C (+194°F)

Mechanical

Housing

PUR, yellow

Insert

PUR

Contact

CuZn, gold over nickel plating

Receptacle shell

CuZn, nickel-plated

O-ring

Viton

Mini Quick Disconnect

Molded body

PUR, yellow

Insert

PUR

Contact

CuZn, gold over nickel plating

Coupling nut

Aluminum, black anodized

Electrical

Voltage rating

10-30 V DC

Current rating

4 A per port / 12 A max. total

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	3 x 1.75 mm ² 8 x 0.50 mm ²	Black	.366" (9.3 mm)
242	PUR, Hi-Flex	3 x 18 AWG 16 x 20 AWG	Black	.457" (11.6 mm)

Part Number	Ports	Standard Cable Length	Characteristics
ASBV 4/LED 5-256/RS120M	4	1F	  
ASBV 8/LED 5-242/RS190M	8	1F	  

Mouser Electronics

Authorized Distributor

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[ASBV 8/LED 5-242-RS190M](#) [ASBV 4/LED 5-256-RS120M](#)