

M12 Actuator/Sensor Distribution Boxes

ASB 4/LED - RS120M | ASB 8/LED - RS120M

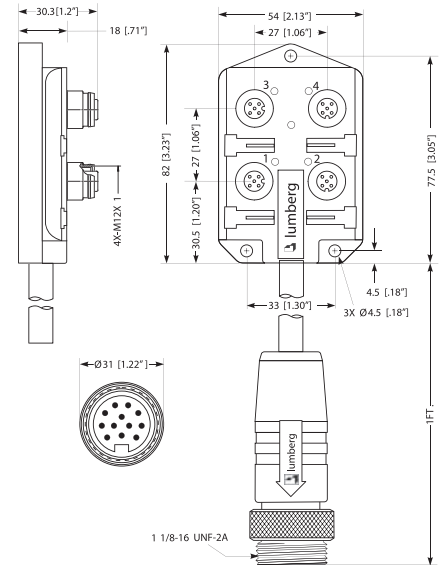


4- and 8-Ports (LED)

Actuator/sensor distribution box with LED operation and function indicators, top-entry, 4- and 8-ports, M12 sockets, 4-poles, 1 signal per socket, with integrated Mini quick disconnect home run control cable.

— control cable is suitable for c-track applications —

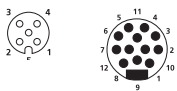
4-Ports



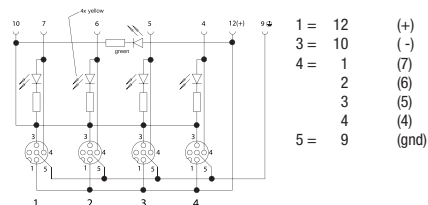
Pin Assignments

M12 / Mini 1 1/8"

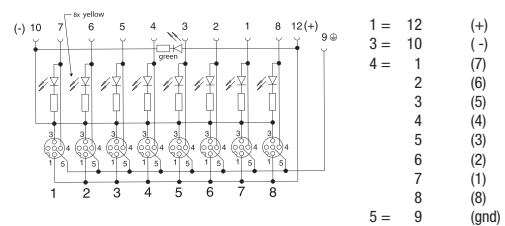
Wiring Diagrams



4-Ports



8-Ports

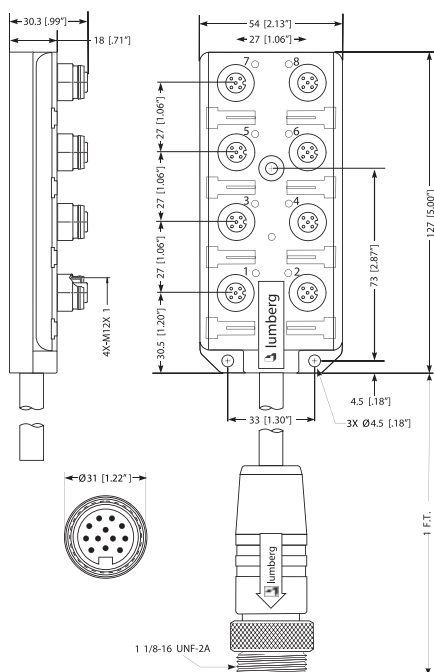




M12 Actuator/Sensor Distribution Boxes

ASB 4/LED 5-4-328/RS120M | ASB/LED 8 5-4-331/RS120M

8-Ports



Technical Data

Environmental

Degree of protection

IP 67 / NEMA 6P

Operating temperature range

-15°C (+5°F) / +80°C (+176°F)

Mechanical

Housing

PUR, yellow

Insert

Nylon

Contact

CuZn, gold plated

Receptacle shell

CuZn, nickel-plated

O-ring

FKM

Mini Quick Disconnect

Molded body

PUR, yellow

Insert

PUR, yellow

Contact

CuZn, gold plated

Coupling nut

Aluminum, black anodized

Electrical

Contact resistance

≤5mΩ

Voltage rating

10-30 V DC

Current rating

4 A per port / 12 A max. total

Insulation resistance

> 10⁹ Ω

Accessories (included)

ZVK

2 dust covers for unused sockets

ZBS

10 attachable labels

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	Cable Length	Characteristics
ASB 4/LED 5-4-328/RS120M	4	1F	 
ASB 8/LED 5-4-331/RS120M	8	1F	 

Mouser Electronics

Authorized Distributor

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[ASB 4/LED 5-4-328-RS120M](#) [ASB 8/LED 5-4-331-RS120M](#)