

M12 Actuator/Sensor Distribution Boxes

ASBSV

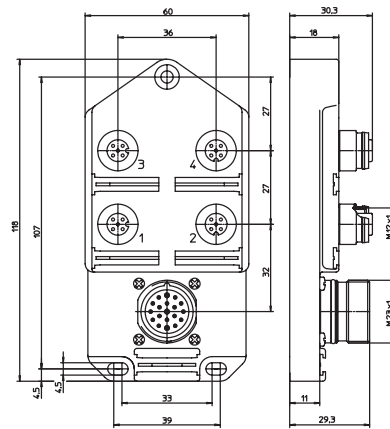


4-, 6-, and 8-Ports

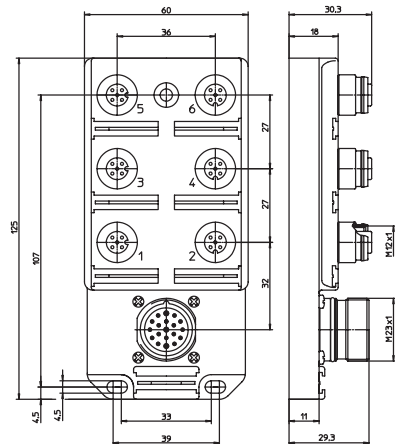
Pluggable actuator/sensor distribution box, 4-, 6-, and 8-ports, top-entry, M12 sockets, 5-poles, 2 signals per socket, with M23 quick-disconnect for the control cable.

— control cable type: 19P: RKU 19-242/...M or RKWU 19-242/...M —

4-Ports



6-Ports



Pin Assignments

M12 / M23

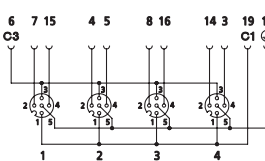
Wiring Diagrams

5 P / 19 P

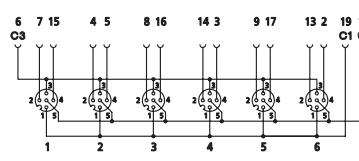
4-Ports

6-Ports

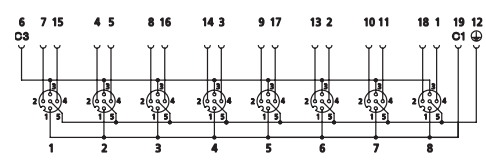
8-Ports



1 = 19 (C1)
2 = 1 (7)
3 = 2 (4)
4 = 3 (8)
5 = 4 (14)
6 = 5 (C3)
7 = 6 (15)
8 = 7 (5)
9 = 8 (16)
10 = 9 (3)
11 = 10 (PE)



1 = 19 (C1)
2 = 1 (7)
3 = 2 (4)
4 = 3 (8)
5 = 4 (14)
6 = 5 (C3)
7 = 6 (15)
8 = 7 (5)
9 = 8 (16)
10 = 9 (3)
11 = 10 (PE)



1 = 19 (C1)
2 = 1 (7)
3 = 2 (4)
4 = 3 (8)
5 = 4 (14)
6 = 5 (C3)
7 = 6 (15)
8 = 7 (5)
9 = 8 (16)
10 = 9 (3)
11 = 10 (PE)

ASBSV 4 5 | ASBSV 6 5 | ASBSV 8 5

The technical drawing shows two views of the M19 x 1 connector. The top view is a front elevation showing a rectangular body with rounded corners and a circular port at the bottom. It features eight screw holes arranged in four rows of two. Dimensions include a total width of 60 mm, a distance between the first two screw holes of 36 mm, and individual hole diameters of 7 mm and 8 mm. The height from the base to the center of the top screws is 52 mm, and the overall height is 97 mm. The bottom view is a side elevation showing the profile of the connector, including the mounting flange and the circular port. Dimensions include a total height of 30.3 mm, a mounting flange thickness of 18 mm, and a base thickness of 11 mm. A label 'M19 x 1' is shown next to the port.

Environmental

Degree of protection

Operating temperature range

IP 67 / NEMA 6P

-15°C (+5°F) / +80°C (+176°F)

Mechanical

Housing

TPU, self-extinguishing

Insert

PA GF, self-extinguishing

Contact

CuZn, pre-nickeled and 0.8

Contact

microns gold-plated

Receptacle shell

CuZn, nickel-plated

0-ring

FKM

Electrical

Contact resistance

 $\leq 5\text{m}\Omega$

Voltage rating

30 V AC/DC

Current rating

4 A per port / 10 A max. total

Insulation resistance

$$> 10^9 \Omega$$

Accessories (included)

ZVK

2 dust covers for unused sockets

ZBS

10 attachable labels



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lumberg Automation:](#)

[ASBSV 4 5](#) [ASBSV 6 5](#) [ASBSV 8 5](#)