

M12 Actuator/Sensor Distribution Boxes

ASBS.../LED

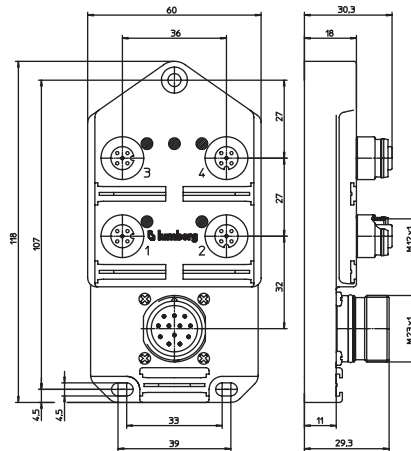


4-, 6- and 8-Ports (LED)

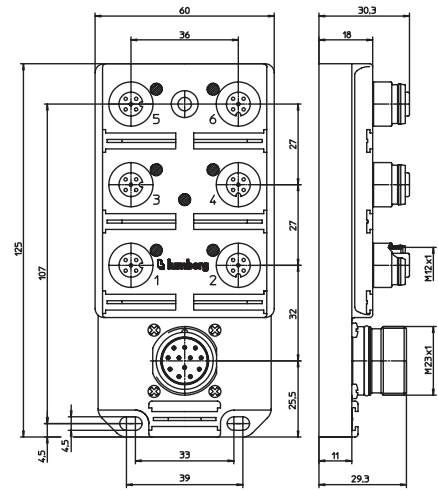
Pluggable actuator/sensor distribution box with LED operation and function indicators, 4-, 6-, and 8-ports, top-entry, M12 sockets, 4-poles, 1 signals per socket, with M23 quick-disconnect for the control cable.

– control cable type: 12P: RKU 12-256/...M or RKWU 12-256/...M –

4-Ports



6-Ports



Pin Assignments

M12 / M23

Wiring Diagrams

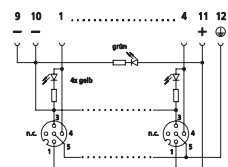
5 P



12 P

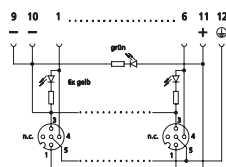


4-Ports



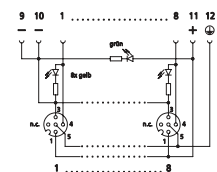
1 = 11 (+)
2 = n.c. (-)
3 = 9 (-)
4 = 1 (1)
2 (2)
3 (3)
4 (4)
5 (5)
6 (6)
5 = 12 (PE)

6-Ports



1 = 11 (+)
2 = n.c. (-)
3 = 9 (-)
4 = 1 (1)
2 (2)
3 (3)
4 (4)
5 (5)
6 (6)
5 = 12 (PE)

8-Ports

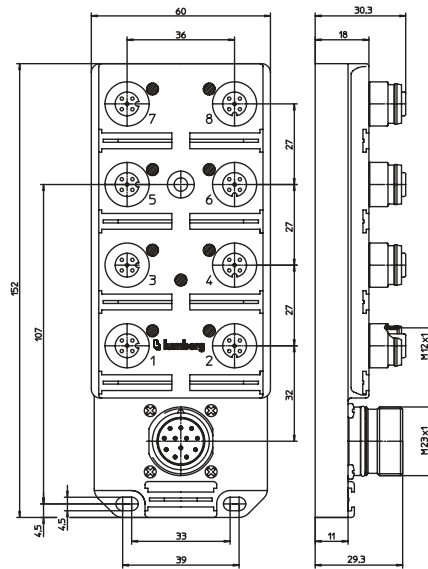


1 = 11 (+)
2 = n.c. (-)
3 = 9 (-)
4 = 1 (1)
2 (2)
3 (3)
4 (4)
5 (5)
6 (6)
7 (7)
8 (8)
5 = 12 (PE)



M12 Actuator/Sensor Distribution Boxes
ASBS 4 5-4/LED | ASBS 6 5-4/LED | ASBS 8 5-4/LED

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

TPU, self-extinguishing

Insert

PA GF, self-extinguishing

Contact

CuZn, pre-nickel and 0.8
microns gold-plated

Receptacle shell

CuZn, nickel-plated

O-ring

FKM

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

Part Number	Ports	Mating Control Cables	Characteristics
ASBS 4/LED 5-4	4	RKU 12-256/...M or RKWU 12-256/...M	  
ASBS 6/LED 5-4	6	RKU 12-256/...M or RKWU 12-256/...M	  
ASBS 8/LED 5-4	8	RKU 12-256/...M or RKWU 12-256/...M	  