

M12 Actuator/Sensor Distribution Boxes

ASBSV

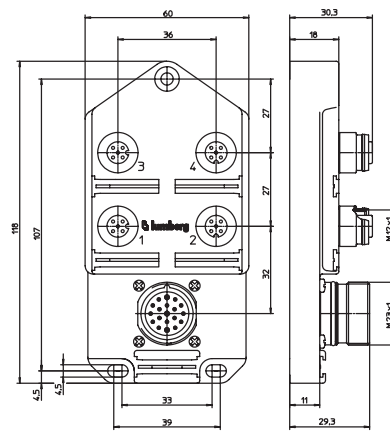


4-, 6-, and 8-Ports

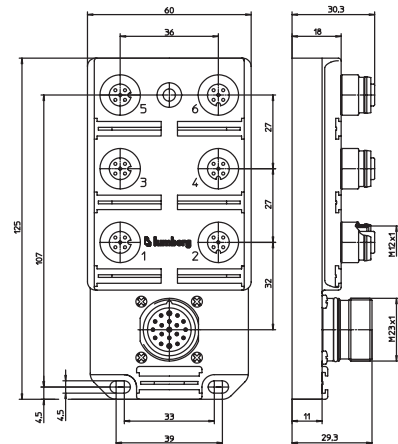
Pluggable actuator/sensor distribution box, 4-, 6-, and 8-ports, top-entry, M12 sockets, 5-poles, 2 signals per socket, with M23 quick-disconnect for the control cable.

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

4-Ports



6-Ports



Pin Assignments

M12 / M23

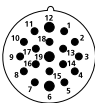
Wiring Diagrams

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 (16)
9 = 8 (3)
10 = 9 (PE)

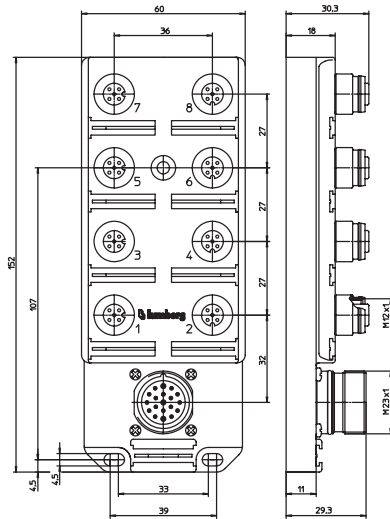
1 = 19 (C1)
2 = 1 (7)
3 = 2 (4)
4 = 3 (8)
5 = 4 (14)
6 = 5 (9)
7 = 6 (13)
8 = 7 (C3)
9 = 8 (15)
10 = 9 (5)
11 = 10 (16)
12 = 11 (3)
13 = 12 (17)
14 = 13 (2)
15 = 14 (PE)

1 = 19 (C1)
2 = 1 (7)
3 = 2 (4)
4 = 3 (8)
5 = 4 (14)
6 = 5 (9)
7 = 6 (13)
8 = 7 (10)
9 = 8 (18)
10 = 9 (C3)
11 = 10 (15)
12 = 11 (5)
13 = 12 (16)
14 = 13 (3)
15 = 14 (17)
16 = 15 (2)
17 = 16 (11)
18 = 17 (1)
19 = 18 (PE)



M12 Actuator/Sensor Distribution Boxes
ASBSV 4 5 | ASBSV 6 5 | ASBSV 8 5

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	250 V
Current rating	4 A per port / 10 A max. total
Insulation resistance	> 10 ⁹ Ω
Accessories (included)	
ZVK	2 dust covers for unused sockets
ZBS	10 attachable labels

Part Number	Ports	Mating Control Cables	Characteristics
ASBSV 4 5	4	RKU 19-242/...M or RKWU 19-242/...M	  
ASBSV 6 5	6	RKU 19-242/...M or RKWU 19-242/...M	  
ASBSV 8 5	8	RKU 19-242/...M or RKWU 19-242/...M	  