

M12 Actuator/Sensor Distribution Boxes

ASBS

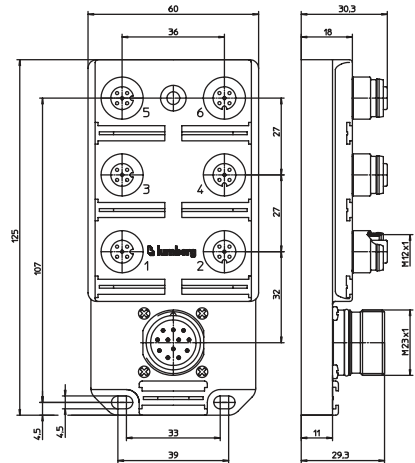


6- and 8-Ports

Pluggable actuator/sensor distribution box, 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 –

6-Ports



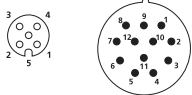
Pin Assignments

M12 / M23

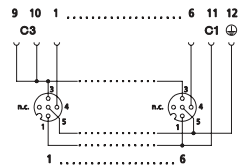
Wiring Diagrams

5 P

12 P

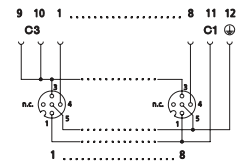


6-Ports



- | | | |
|-----|------|------|
| 1 = | 11 | (C1) |
| 2 = | n.c. | |
| 3 = | 9 | (C3) |
| 4 = | 1 | (1) |
| | 2 | (2) |
| | 3 | (3) |
| | 4 | (4) |
| | 5 | (5) |
| | 6 | (6) |
| 5 = | 12 | (PE) |

8-Ports



- | | | |
|-----|------|------|
| 1 = | 11 | (C1) |
| 2 = | n.c. | |
| 3 = | 9 | (C3) |
| 4 = | 1 | (1) |
| | 2 | (2) |
| | 3 | (3) |
| | 4 | (4) |
| | 5 | (5) |
| | 6 | (6) |
| | 7 | (7) |
| | 8 | (8) |
| 5 = | 12 | (PE) |

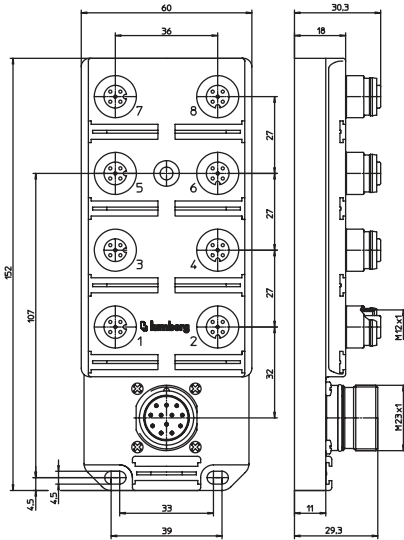


Be Certain with Belden

M12 Actuator/Sensor Distribution Boxes

ASBS 6 5-4 | ASBS 8 5-4

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 / 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 6 5-4	6	RKU 12-256/...M or RKWU 12-256/...M	  
ASBS 8 5-4	8	RKU 12-256/...M or RKWU 12-256/...M	