

M12 Actuator/Sensor Distribution Boxes

ASBS

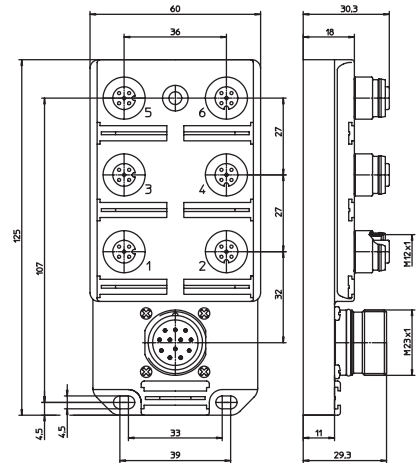


6- and 8-Ports

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

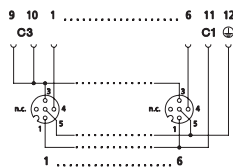
5 P



12 P

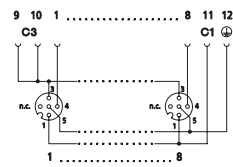


6-Ports



- | | | |
|-----|------|------|
| 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



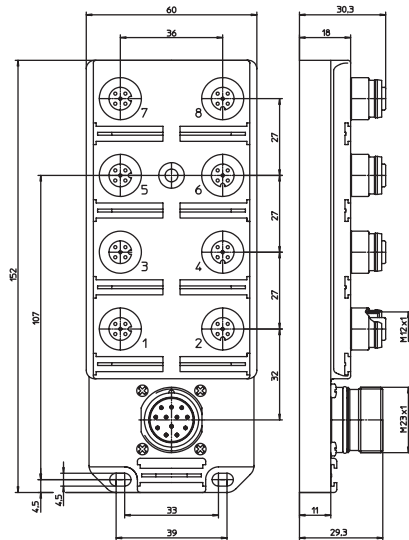
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| | 2 | (2) |
| | 3 | (3) |
| | 4 | (4) |
| | 5 | (5) |
| | 6 | (6) |
| | 7 | (7) |
| | 8 | (8) |
| 5 = | 12 | (PE) |

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

CuZn, nickel-plated

FKM

Receptacle shell

O-ring

Electrical

Contact resistance

≤5mΩ

Voltage rating

30 V AC/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 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	  

Mouser Electronics

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[ASBS 8 5-4](#)