

M12 Actuator/Sensor Distribution Boxes

ASBS

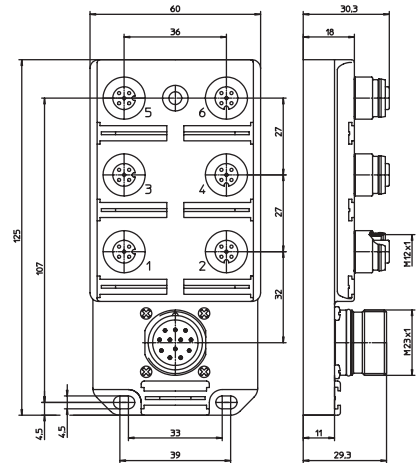


6- and 8-Ports

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

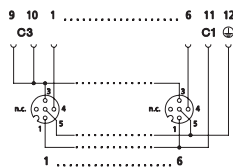
5 P



12 P

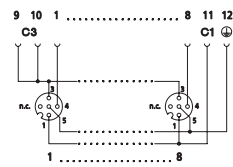


6-Ports



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



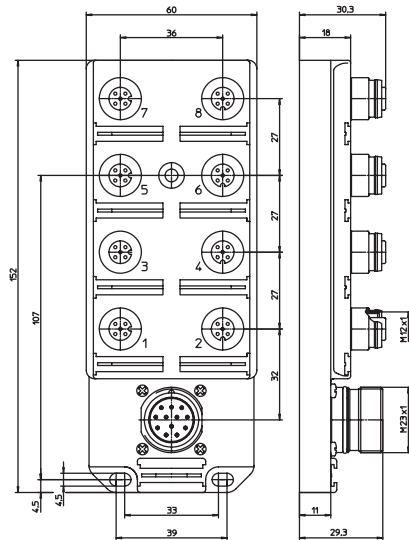
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	2	(2)
	3	(3)
	4	(4)
	5	(5)
	6	(6)
	7	(7)
	8	(8)
5 =	12	(PE)

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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