

M12 Actuator/Sensor Distribution Boxes

ASB 4 | ASB 6 | ASB 8

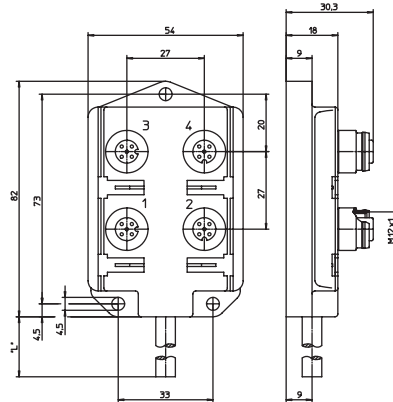


4-, 6-, and 8-Ports

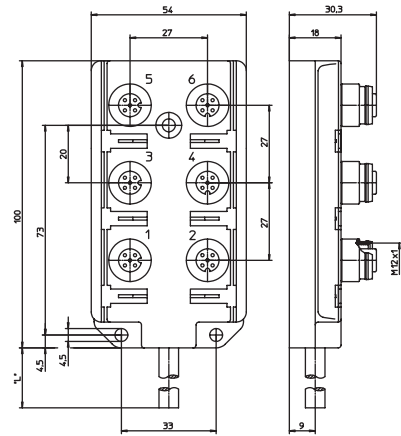
Actuator/sensor distribution box, top-entry, 4-, 6-, and 8-ports, M12 sockets, 4-poles, 1 signal per socket, with integrated control cable.

— control cable is suitable for c-track applications —

4-Ports



6-Ports

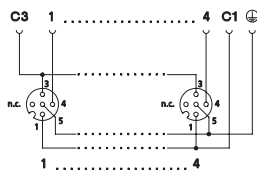


Pin Assignments

M12 Wiring Diagrams

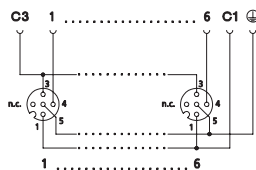


4-Ports



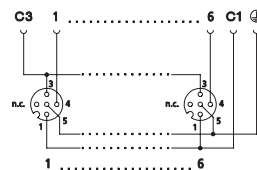
- | | |
|------------------|------|
| 1 = brown | (C1) |
| 2 = n.c. | |
| 3 = blue | (C3) |
| 4 = white | (1) |
| green | (2) |
| yellow | (3) |
| grey | (4) |
| 5 = green/yellow | (PE) |

6-Ports



- | | |
|------------------|------|
| 1 = brown | (C1) |
| 2 = n.c. | |
| 3 = blue | (C3) |
| 4 = white | (1) |
| green | (2) |
| yellow | (3) |
| grey | (4) |
| pink | (5) |
| red | (6) |
| 5 = green/yellow | (PE) |

8-Ports



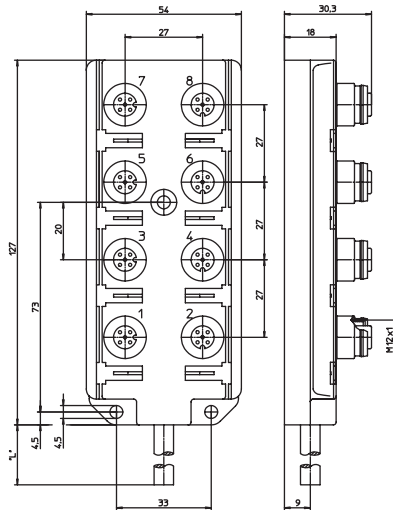
- | | |
|------------------|------|
| 1 = brown | (C1) |
| 2 = n.c. | |
| 3 = blue | (C3) |
| 4 = white | (1) |
| green | (2) |
| yellow | (3) |
| grey | (4) |
| pink | (5) |
| red | (6) |
| black | (7) |
| violet | (8) |
| 5 = green/yellow | (PE) |

Be Certain with Belden

M12 Actuator/Sensor Distribution Boxes

ASB 4 5-4-328 | ASB 6 5-4-330 | ASB 8 5-4-331

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

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Color	Outside Diameter
328	PUR, halogen-free	3 x 0.75 mm ² 4 x 0.34 mm ²	Black	.268" (6.8 mm)
330	PUR, halogen-free	3 x 0.75 mm ² 6 x 0.34 mm ²	Black	.299" (7.6 mm)
331	PUR, halogen-free	3 x 0.75 mm ² 8 x 0.34 mm ²	Black	.315" (8.0 mm)

Part Number	Ports	Standard Cable Length	Characteristics
ASB 4 5-4-328/...M	4	5M and 10M	   
ASB 6 5-4-330/...M	6	5M and 10M	   
ASB 8 5-4-331/...M	8	5M and 10M	   

Mouser Electronics

Authorized Distributor

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[ASB 4 5-4-328/5 M](#) [ASB 8 5-4-331/5 M](#) [ASB 4 5-4-328/10 M](#) [ASB 6 5-4-330/5 M](#) [ASB 6 5-4-330/10 M](#) [ASB 4 5-4-328/20 M](#) [ASB 8 5-4-331/15 M](#) [ASB 8 5-4-331/20 M](#) [ASB 6 5-4-330/20 M](#) [ASB 8 5-4-331/10 M](#) [ASB 6 5-4-330/15 M](#)