

M12 Actuator/Sensor Distribution Boxes

ASB 4 | ASB 6 | ASB 8

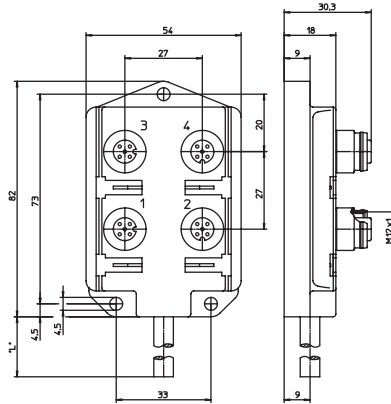


4-, 6-, and 8-Ports

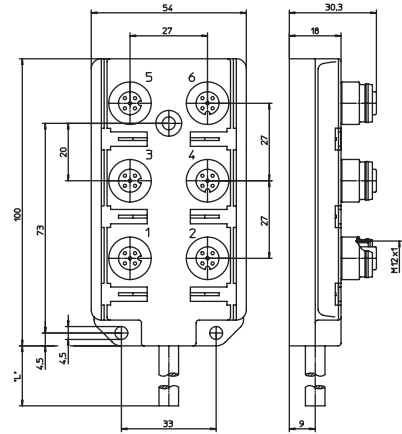
Actuator/sensor distribution box, top-entry, 4-, 6-, and 8-ports, M12 sockets, 4-poles, 1 signal per socket, with integrated control cable.

– control cable is suitable for c-track applications –

4-Ports



6-Ports



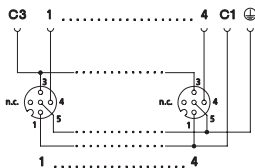
Pin Assignments

M12

Wiring Diagrams

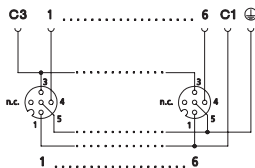


4-Ports



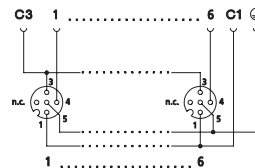
- | | |
|------------------|------|
| 1 = brown | (C1) |
| 2 = n.c. | |
| 3 = blue | (C3) |
| 4 = white | (1) |
| green | (2) |
| yellow | (3) |
| grey | (4) |
| 5 = green/yellow | (PE) |

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

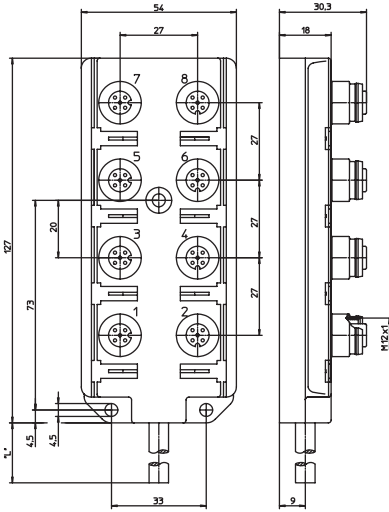


- | | |
|------------------|------|
| 1 = brown | (C1) |
| 2 = n.c. | |
| 3 = blue | (C3) |
| 4 = white | (1) |
| green | (2) |
| yellow | (3) |
| grey | (4) |
| pink | (5) |
| red | (6) |
| black | (7) |
| violet | (8) |
| 5 = green/yellow | (PE) |

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
Receptacle shell CuZn, nickel-plated
O-ring FKM

Electrical

Contact resistance $\leq 5m\Omega$
Voltage rating 30 V AC/DC
Current rating 4 A per port / 12 A max. total
Insulation resistance $> 10^9 \Omega$

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 | |