

M12 Actuator/Sensor Distribution Boxes

ASBS.../LED

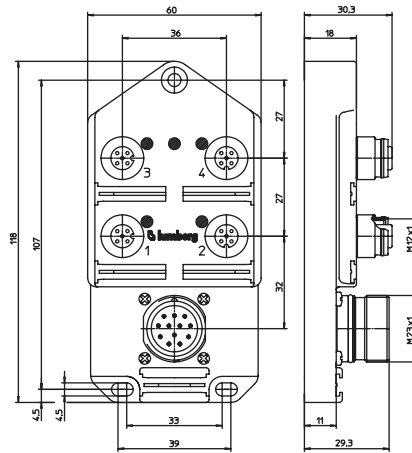


4-, 6- and 8-Ports (LED)

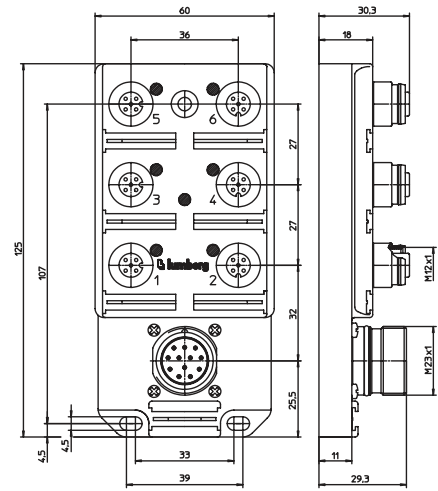
Pluggable actuator/sensor distribution box with LED operation and function indicators, 4-, 6-, and 8-ports, top-entry, M12 sockets, 4-poles, 1 signals per socket, with M23 quick-disconnect for the control cable.

– control cable type: 12P: RKU 12-256/...M or
RKWU 12-256/...M –

4-Ports



6-Ports



Pin Assignments

M12 / M23

Wiring Diagrams

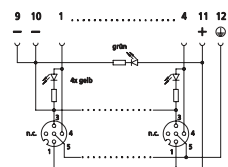
5 P



12 P

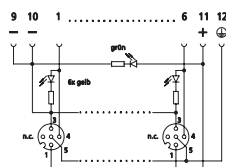


4-Ports



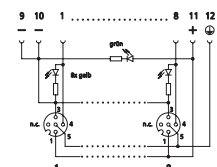
- | | | |
|-----|------|------|
| 1 = | 11 | (+) |
| 2 = | n.c. | (-) |
| 3 = | 9 | (-) |
| 4 = | 1 | (1) |
| | 2 | (2) |
| | 3 | (3) |
| | 4 | (4) |
| | 5 | (5) |
| | 6 | (6) |
| 5 = | 12 | (PE) |

6-Ports



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

8-Ports

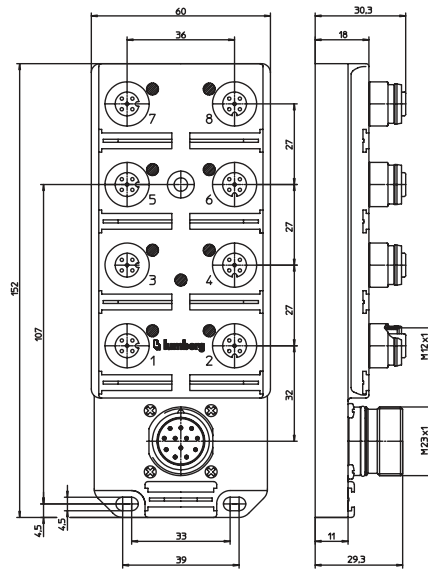


- | | | |
|-----|------|------|
| 1 = | 11 | (+) |
| 2 = | n.c. | (-) |
| 3 = | 9 | (-) |
| 4 = | 1 | (1) |
| | 2 | (2) |
| | 3 | (3) |
| | 4 | (4) |
| | 5 | (5) |
| | 6 | (6) |
| | 7 | (7) |
| | 8 | (8) |
| 5 = | 12 | (PE) |



M12 Actuator/Sensor Distribution Boxes
ASBS 4 5-4/LED | ASBS 6 5-4/LED | ASBS 8 5-4/LED

8-Ports



Technical Data

Environmental

Degree of protection
Operating temperature range

IP 67 / NEMA 6P
-15°C (+5°F) / +80°C (+176°F)

Mechanical

Housing
Insert
Contact

TPU, self-extinguishing
PA GF, self-extinguishing
CuZn, pre-nickel and 0.8
microns gold-plated
CuZn, nickel-plated
FKM

Electrical

Contact resistance
Voltage rating
Current rating
Insulation resistance

$\leq 5\text{m}\Omega$
10-30 V DC
4 A per port / 12 A max. total
 $> 10^9 \Omega$

Accessories (included)

ZVK
ZBS

2 dust covers for unused sockets
10 attachable labels

Part Number	Ports	Mating Control Cables	Characteristics
ASBS 4/LED 5-4	4	RKU 12-256/...M or RKWU 12-256/...M	  
ASBS 6/LED 5-4	6	RKU 12-256/...M or RKWU 12-256/...M	  
ASBS 8/LED 5-4	8	RKU 12-256/...M or RKWU 12-256/...M	  