

M12 Actuator/Sensor Distribution Boxes

ASBSV...LED

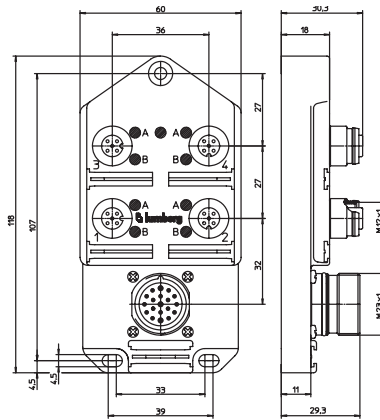


4-, 6-, and 8-Ports (LED)

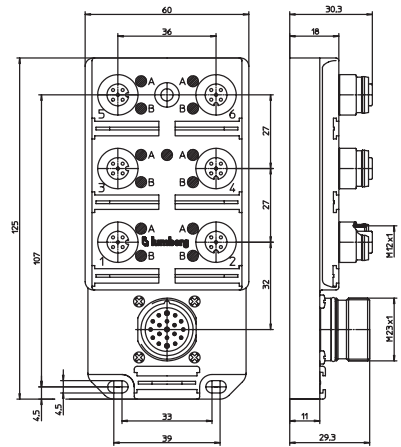
Pluggable actuator/sensor distribution box with LED operation and function indicators, 4-, 6-, and 8-ports, top-entry, M12 sockets, 5-poles, 2 signals per socket, with M23 quick-disconnect for the control cable.

— control cable type: 19P: RKU 19-242/...M or
RKWU 19-242/...M —

4-Ports



6-Ports



Pin Assignments

M12 / M23

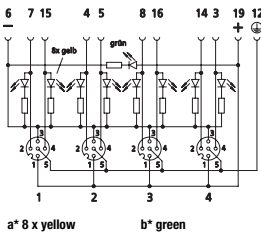
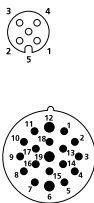
Wiring Diagrams

5 P / 19 P

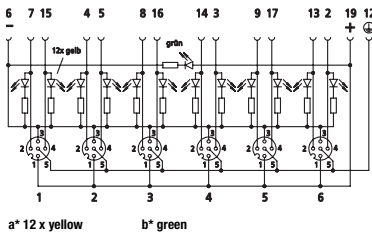
4-Ports

6-Ports

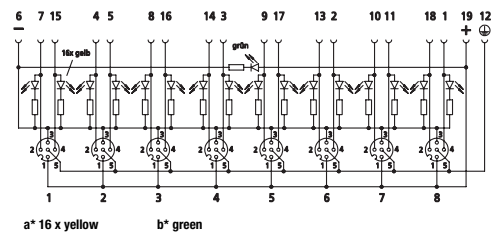
8-Ports



1 =	19	(C1)
2 =	1	(7)
	2	(4)
	3	(8)
	4	(14)
3 =	6	(C3)
4 =	1	(15)
	2	(5)
	3	(16)
	4	(3)
5 =	12	(PE)



1 =	19	(C1)
2 =	1	(7)
	2	(4)
	3	(8)
	4	(14)
	5	(9)
	6	(13)
3 =	6	(C3)
4 =	1	(15)
	2	(5)
	3	(16)
	4	(3)
	5	(17)
	6	(2)
5 =	12	(PE)



1 =	19	(C1)
2 =	1	(7)
	2	(4)
	3	(8)
	4	(14)
	5	(9)
	6	(13)
	7	(10)
	8	(18)
3 =	6	(C3)
4 =	1	(15)
	2	(5)
	3	(16)
	4	(3)
	5	(17)
	6	(2)
	7	(11)
	8	(1)
5 =	12	(PE)

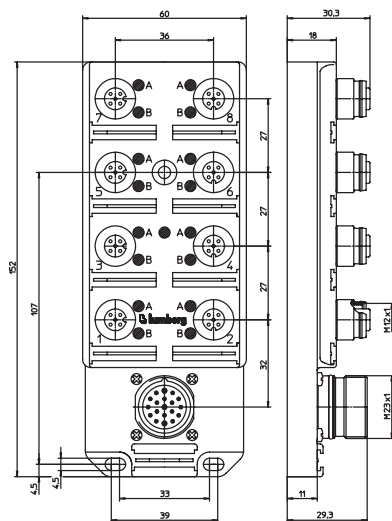


Be Certain with Belden

M12 Actuator/Sensor Distribution Boxes

ASBSV 4/LED 5 | ASBSV 6/LED 5 | ASBSV 8/LED 5

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

≤5mΩ

Voltage rating

10-30 V DC

Current rating

4 A per port / 10 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
ASBSV 4/LED 5	4	RKU 19-242/...M or RKWU 19-242/...M	  
ASBSV 6/LED 5	6	RKU 19-242/...M or RKWU 19-242/...M	  
ASBSV 8/LED 5	8	RKU 19-242/...M or RKWU 19-242/...M	  