

## M12 Actuator/Sensor Distribution Boxes

### ASBSVD 8/LED W5

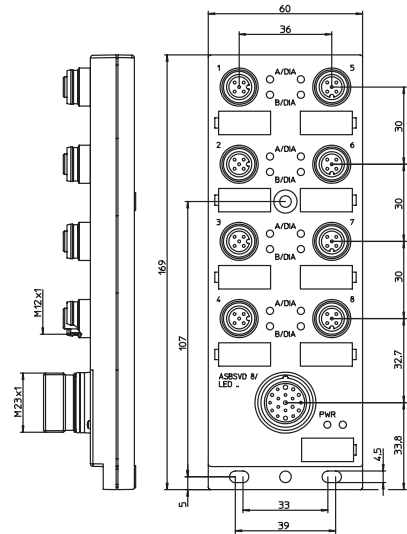


### 8-Ports (LED)

Pluggable actuator/sensor distribution box with LED operation and function indicators, 8-ports with integrated fuses and diagnostics display, top-entry, M12 sockets, 5-poles with M23 quick-disconnect for the control cable.

— control cable type: 19P: RKUF 19-242/...M or RKWUF 19-242/...M —

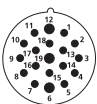
### 8-Ports



## Pin Assignments

### M12 / M23

5 P / 19 P



### Wiring Diagrams

#### 8-Ports

1 = +24 V (19)  
3 = -0 V (6)  
5 = 12 (PE)

Channel B		Channel A	
2 = 1	(7)	4 = 1	(15)
2 = 2	(4)	4 = 2	(5)
3 = 3	(8)	4 = 3	(16)
4 = 4	(14)	4 = 4	(3)
5 = 5	(9)	4 = 5	(17)
6 = 6	(13)	4 = 6	(2)
7 = 7	(10)	4 = 7	(11)
DIA	(18)	4 = 8	(1)

### Diagnostic Indication

LED	Indication	Condition
1...8 A/B DIA	yellow/white	Function
1...8 A/B DIA	red	Periphery faults*
PWR	green	System power supply

\* The peripheral error is sent as a collective message via the supply line to the control system. This message can be evaluated by the control system and issued as an error message. Therefore there is no channel B available for socket 8.



# Be Certain with Belden

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### Technical Data

#### Environmental

Degree of protection	IP 67 / NEMA 6P
Operating temperature range	0°C (+32°F) / +60°C (+140°F)

#### Mechanical

Housing	PBT
Insert M12	PA
Contact M12	CuZn, pre-nickel and 0.3 microns gold-plated
O-ring M12	FKM
Insert M23	PBT
Contact M23	CuZn, pre-nickel and 0.8 microns gold-plated
O-ring M23	NBR
Receptacle shell	CuZn, nickel-plated

#### Electrical

Nominal current at 40°C	7.5 A max. total
Nominal voltage	10-30 V DC
Short circuit protection	yes
	electronic fuses for all channels
I max outputs	500 mA
I max inputs	100 mA
Operation indicator	LED green
Function indicator	LED yellow/white
Pollution degree	3

#### Accessories (included)

ZVK	2 dust covers for unused sockets
ZBS	10 attachable labels

Part Number	Ports	Mating Control Cables	Characteristics
ASBSVD 8/LED W5	8	RKUF 19-242/...M or RKWUF 19-242/...M	 

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