



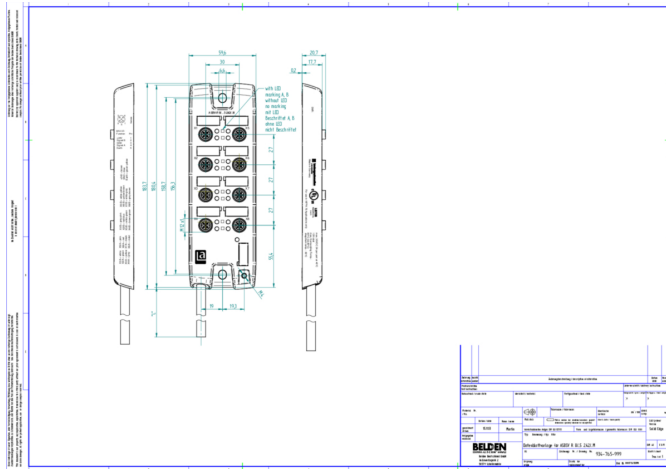
Product: [ASBV-R 8 5-242](#)

LioN-R passive, 8 ports, double I/O per port

Product Description

LioN-R passive, 8 ports, double I/O per port

Technical Drawing



Technical Specifications

Product Description

Brand:	Belden
Product Sub Family:	LioN-R passive
I/O Connection:	M12, 5-poles, A-coded
Number of Ports:	8
I/O Wiring Configuration:	double I/O per port
Control Cable Interface:	Open End

General Data

Housing Material:	Metal, Zinc Die-cast
Housing Plating:	Nickel, matt
Housing Color:	Grey Metallic
Protection Degree / IP Rating**:	IP65, IP67
Potted:	Yes
Dimensions (W x H x D):	60 mm x 21 mm x 185 mm
Ambient Temperature (Operation)*:	-40 °C to 80 °C (UL: 60 °C; dragchain: 60 °C)
Pollution Degree:	3 acc. to EN 60664-1, VDE 0110-1
Contact Base Material:	CuZn
Contact Bearer Material:	TPU
O-Ring Material:	FKM
Mounting:	2 hole screw mounting. Use standard M6 x 25 / 30 screws with toothed lock washer (as per DIN 125) and self-locking nuts.

Fastening Torque (Fixing Screw):	M6: 1 Nm
Fastening Torque (Ground Connection (FE)):	M4: 1 Nm
Fastening Torque (I/O Connection):	M12: 0.5 Nm

Power Supply

Status Indicator (System Supply):	LED green
Actuator Supply Voltage (Nominal):	24 V DC (SELV/PELV)
Actuator Supply Voltage (Range):	10 V DC to 30 V DC

Digital Input Channels

Input Wiring:	2-, 3-, 4-wire
Sensor Type:	PNP

Digital Output Channels

Output Wiring:	2-, 3-wire
Galvanically Isolated:	Yes

Port Channels

Current per Connector:	max. 1,5 A
Current per Module:	max. 1,5 A
Status Indicator (Port):	Status Indicator (Port)

Safety & Environmental Compliance

CE:	Yes
RoHS Compliant:	Yes
China RoHS-Compliant:	Yes

Approvals

UL:	cULus Listed, UL 508
UL-File:	E230848
CSA:	Yes, via UL

Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
System Power Supply Connection Note:	*do not connect / disconnect under voltage!

Variants

Item #	Item Description
934765001	ASBV-R 8 5-242/5 M
934765002	ASBV-R 8 5-242/10 M

Update and Revision:	Revision Number: 0.58 Revision Date: 03-04-2023
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