



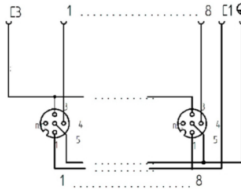
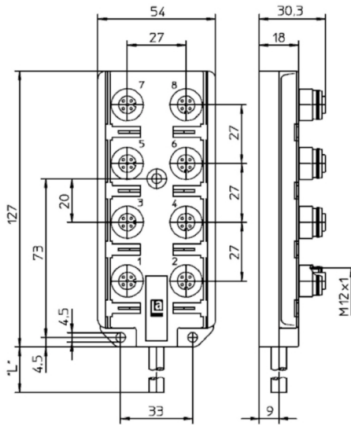
**Product:** [ASB 8 5-4-331](#)

ASB with FIXCON connector; 8 ports

**Product Description**

ASB with FIXCON connector; 8 ports

**Technical Drawing**



Typ/ type	Anschlussmöglich- keit/connectivity	Kontaktbelegung/ contact assignment	
		Polzahl/ number of poles	Farbkennung/ colour code
ASB 8 5-4	8-fach / 8-fold		1 = braun / brown (C1)
			2 = n.c.
			3 = blau / blue (C3)
			4 = weiß / white (1)
			grün / green (2)
			gelb / yellow (3)
			grau / grey (4)
			rosa / pink (5)
			rot / red (6)
			schwarz / black (7)
			violett / violet (8)
			5 = grün-gelb / green-yellow (PE)

Legende: L<sub>1</sub> = Standardlänge der Steuerleitung  
standard length of cable

**Technical Specifications**

**Product Description**

Brand:	Belden
Product Sub Family:	Classic
I/O Connection:	M12, 5/4-poles, A-coded
Number of Ports:	8
I/O Wiring Configuration:	single I/O per port
Control Cable Interface:	Open End

## General Data

Housing Material:	Plastic, TPU
Housing Color:	Orange
Protection Degree / IP Rating**:	IP67
Potted:	Yes
Dimensions (W x H x D):	54 mm x 30,3 mm x 127 mm
Ambient Temperature (Operation)*:	-15 °C to 80 °C
Pollution Degree:	3 acc. to EN 60664-1, VDE 0110-1
Contact Base Material:	CuZn
Contact Bearer Material:	PA
O-Ring Material:	FKM
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:	No

## Port Channels

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

## Safety & Environmental Compliance

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

## Approvals

UL:	cULus Listed, UL 508
UL-File:	E104696
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
60584	ASB 8 5-4-331/10 M
60585	ASB 8 5-4-331/5 M
61016	ASB 8 5-4-331/2 M
61017	ASB 8 5-4-331/20 M
68942	ASB 8 5-4-331/15 M
99810	ASB 8 5-4-331/30 M
5410	ASB 8 5-4-331/35 M

Update and Revision:	Revision Number: 0.53 Revision Date: 03-04-2023
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