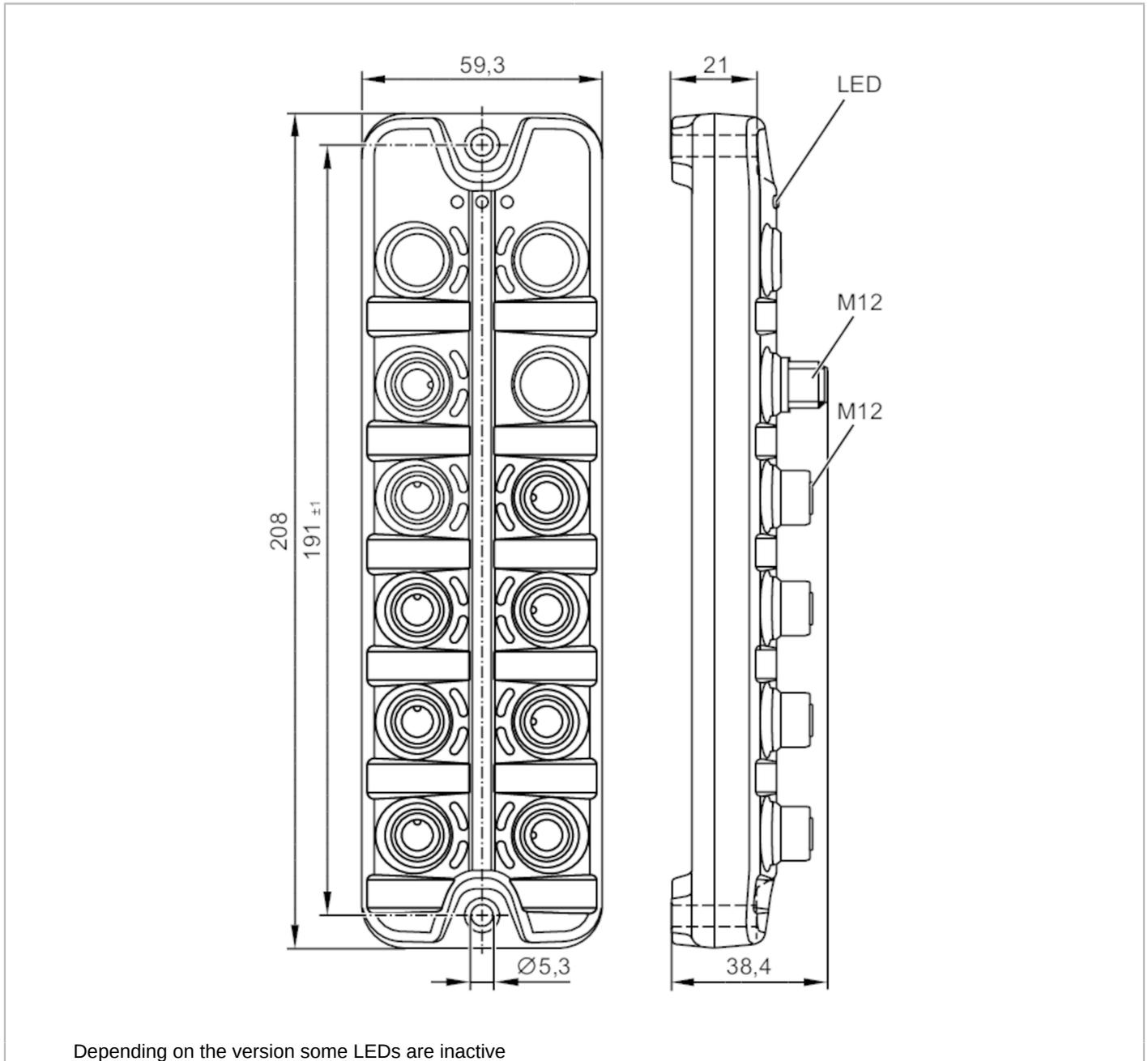


AC2951



Passive power distributor

ProcessLine 8SB IP69K



Application	
Design	AS-i oder IO-Link Spannungsverteiler
Application	sanitary and wet areas in the food industry
Electrical data	
Protection class	III
Overcurrent detection	yes; (4400 mA ± 200 mA)
AS-i operation	
Operating voltage [V]	18...31.6 DC; (AS-i)
Current consumption [mA]	4000; (AS-i)

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Additional voltage supply	[V]	15...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	4000; (AUX)

IO-Link operation

Operating voltage	[V]	20...30 DC; (US)
Current consumption	[mA]	4000; (US)
Additional voltage supply	[V]	20...30 DC; (UA)
Max. current consumption from additional supply	[mA]	4000; (UA)

Operating conditions

Ambient temperature	[°C]	-25...60
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	4000
Protection		IP 65; IP 66; IP 67; IP 69K; (operation with stainless steel protective caps: IP 69K)
Protection rating (NEMA 250)		6P
Degree of soiling		2
Chemical media	ISO 16750-5 NEMA 250 5.13.1	HLP, CC, DB, DC, DD, CA AA

Tests / approvals

EMC	EN 62026-2 IEC 61000-6-2	
Shock resistance	DIN EN 60068-2-27	
Vibration resistance	DIN EN 60068-2-64 DIN EN 60068-2-6	
MTTF	[years]	379

Mechanical data

Weight	[g]	391.2
Housing		rectangular
Type of mounting		Backplane mounting
Dimensions	[mm]	208 x 59.3 x 38.4
Material		housing: PA grey; Connectors: stainless steel (1.4404 / 316L)

Displays / operating elements

Display	Power	LED, green AS-i / AUX / US / UA
	fault	LED, red

Electrical connection

Module connection	M12
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Remarks

Pack quantity	1 pcs.
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Electrical connection - Power IN

Connector: M12; coding: A; Tightening torque: 0.6...0.8 Nm



AS-i operation

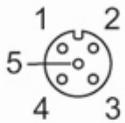
1	AS-i +
2	AUX -
3	AS-i -
4	AUX +

IO-Link operation

1	+ 24 V DC (US)
2	GND (UA)
3	GND (US)
4	+ 24 V DC (UA)

Electrical connection - Power OUT

Connector: M12; coding: A; Tightening torque: 0.6...0.8 Nm



AS-i operation 1...8

1	AS-i +
2	AUX -
3	AS-i -
4	AUX +
5	n.c.

IO-Link operation 1...8

1	+ 24 V DC (US)
2	GND (UA)
3	GND (US)
4	+ 24 V DC (UA)
5	n.c.