



Series SX102

Alphanumeric displays in build-in housings
with PROFINET IO RT interface

Operating instructions (version 1.00)

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2 Legal note

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Table of contents

1 Contact	2
2 Legal note	3
3 Model designation	5
4 PROFINET connection	5
5 Technical data	5
Field bus	5
Power supply	5
Housing	5
Ambient conditions	5
6 Unit Properties	6
7 Dimensions, power consumption, weight	6

3 Model designation

This manual applies to units with the following model designation:

SX102-xx/xx/xx-xxx/xx-N0 (x = the 'x's in the model designation indicate the size and design of the units)

4 PROFINET connection

The integration of the displays in PROFINET environments is described in the manual 'QuickStart for TIA Portal'.

The instructions and the GSDML file are available under the following link:



manuals.siebert-group.com/sx102-profinet

5 Technical data

Field bus

Interface	PROFINET IO RT, conformity class CC-B
MAC address	The MAC address for the PROFINET connection is found on the device.
Integrated switch	PROFINET IO IRT, conformity class CC-C

Power supply

Power consumption	24 V DC $\pm 15\%$, galvanically isolated protected against reversed polarity
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Housing

Material	Plastic, black
Protection type	IP40, optionally IP65, front (housing 96 x 48 mm) IP65, front (housing 144 x 72 and 240 x 72 mm)

Ambient conditions

Operating temperature	0...50 °C
Storage temperature	-30...85 °C
Relative humidity	max. 95 % (non condensing)

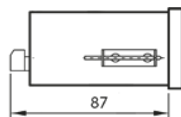
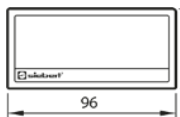
6 Unit Properties

The device version is coded in the type designation as follows:

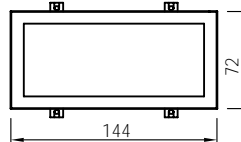
	SX102	-	□ □	/	□ □	/	0 R	-	0 0 □	/	0 B	-	N 0
	:		:		:		:		:		:		:
6 digits	0		6		:		:		:		:		:
8 digits	0		8		:		:		:		:		:
14 digits	1		4		:		:		:		:		:
Character height 18 mm					1		8						:
Character height 30 mm					3		0						:
Protection type IP54													0
Protection type IP65													1

7 Dimensions, power consumption, weight

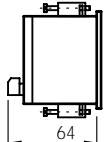
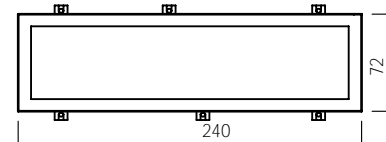
Dimensional drawing A



Dimensional drawing B



Dimensional drawing C



Panel cut-outs (W x H):
92 x 45

138 x 66

234 x 66

Dimensions in mm

	Dimensional drawing	Weight [g] ¹⁾	max. power consumption [VA]
6 digits			
SX102-06/18/xx-xxx/xx-xx	A	160	4
8 digits			
SX102-08/18/xx-xxx/xx-xx	B	260	5
SX102-08/30/xx-xxx/xx-xx	B	450	6
14 digits			
SX102-14/18/xx-xxx/xx-xx	C	420	8

¹⁾ Approximate values