

FnIO module - 8-channel current input module ST3118



- The universal analog input module processes current signals from 0 mA to 20 mA
- Galvanic isolation of the input signal from the system level with a resolution of 12 bits
- Power supply via internal system voltage
- Common ground potential of the input channels

<https://www.wachendorff-prozesstechnik.de/en/ST3118>

Description

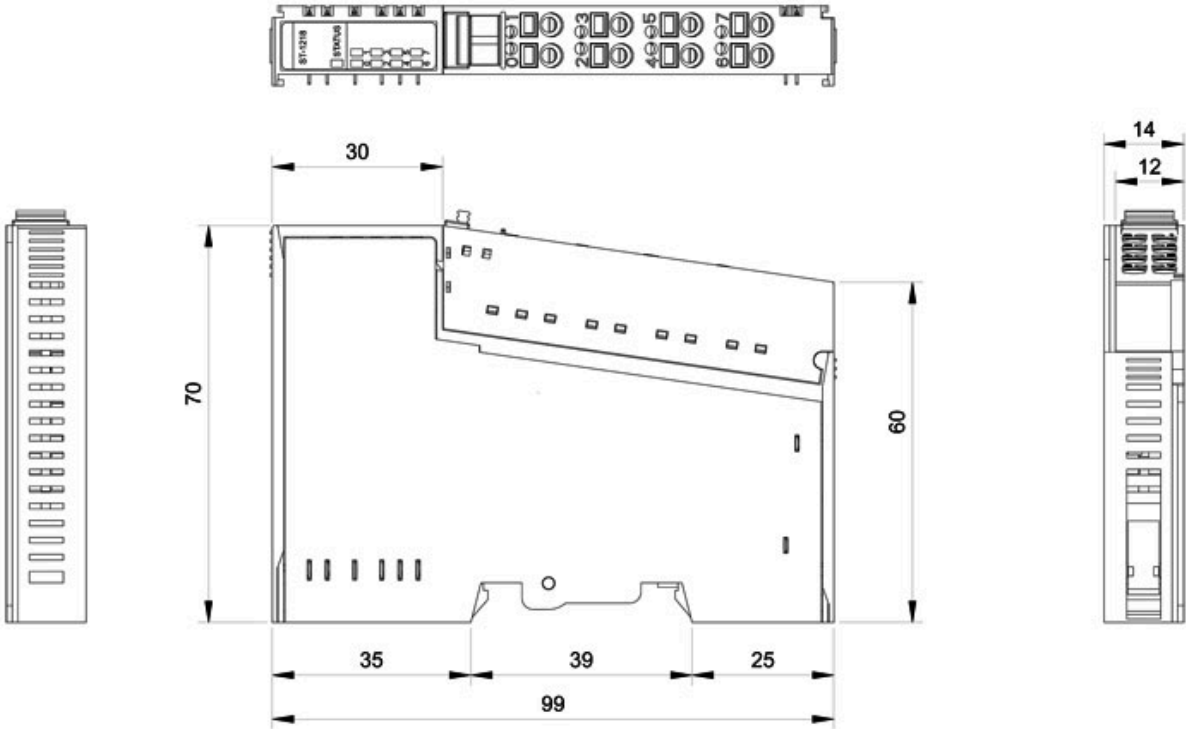
The universal analogue input terminal processes signals of the standardized value 0 mA to 20 mA. The input signal is transmitted electrically isolated to the system level with a resolution of 12 bits. The internal system voltage is used for the power supply. The input channels of the module have a common earth potential.

Product details

Power supply:	via system voltage 5 VDC
Power consumption:	max. 60 mA at 5 VDC
Isolation:	I/O and logic: optocoupler
Cross sections:	I/O cable max. 2 mm ²
Connection technology:	Removable coding terminals
Dimensions (LxHxW):	12 mm x 99 mm x 70 mm
Operating temperature:	0 °C to 60 °C
Operating altitude:	max. 2,000 m
Assembly:	DIN rail
Number of inputs:	8 channels single ended, no isolation between the channels.
Indicators:	1 x green/red for FnBus status
Resolution in steps:	12 bits with 4.88 µA/bit
Input current:	0 mA to 20 mA
Input impedance:	120 Ohm
Conversion time:	4 ms/all channels

Drawings

I/O module dimensions



Downloads / FAQ

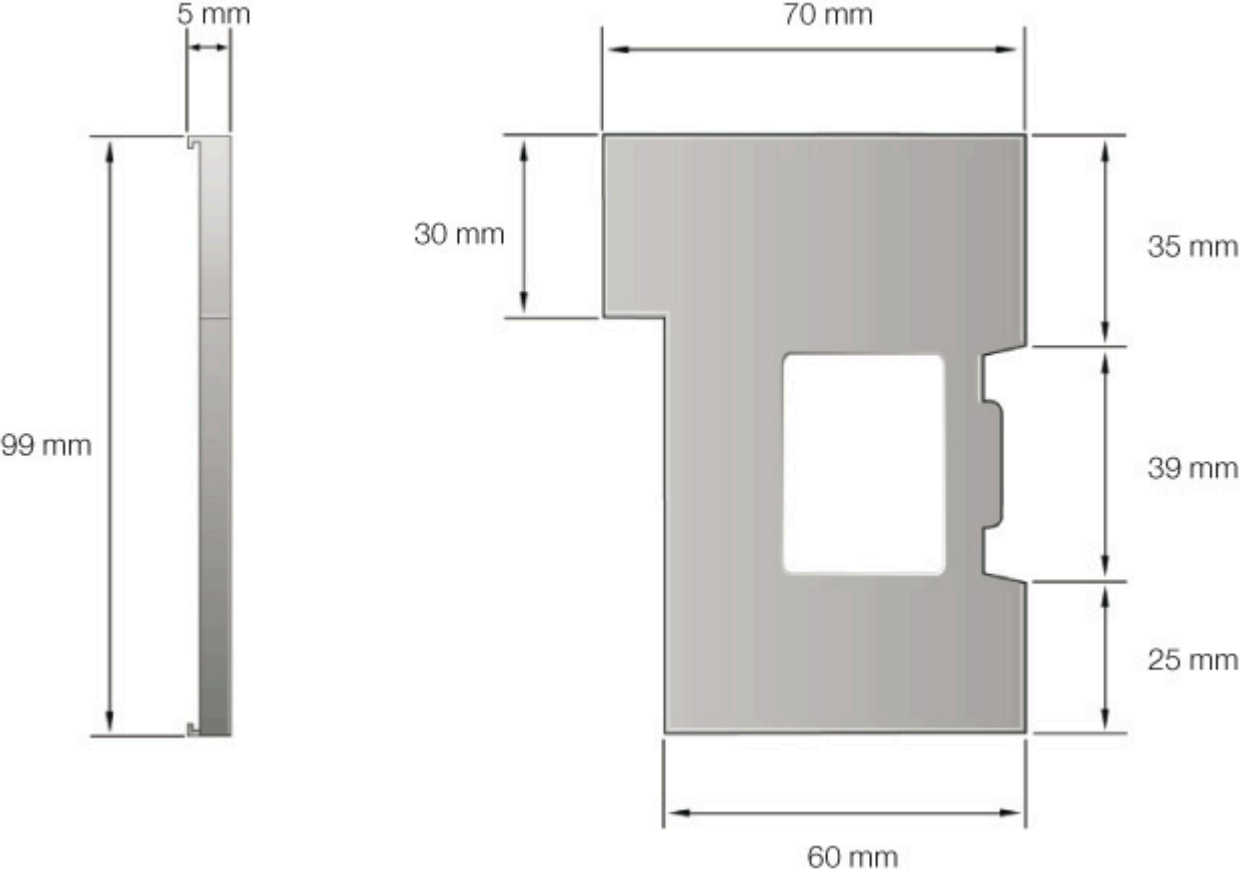
The following files could be downloaded from our website directly from this product under the tab "Drawings":

2D/3D files ST3118:

ST-XXXX_T8_IO-stp.zip

Drawings

End cap dimensions



ST-XXXX_T8_IO-stp.zip



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