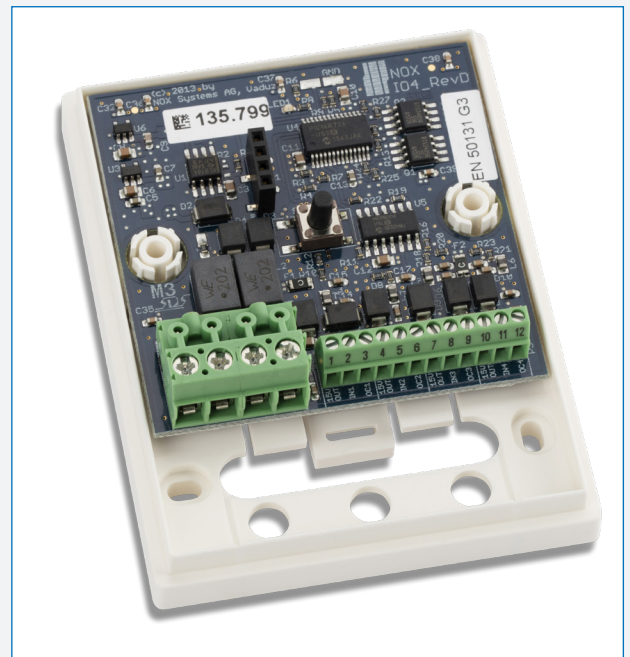
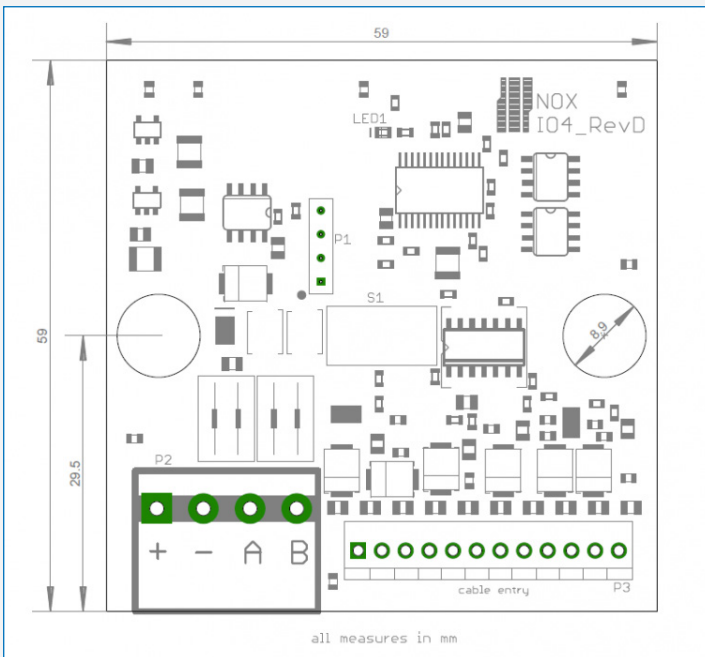


# NOX IO4 -G2 • N119-G2

## NOX IO4 -G2

NOX IO4 is a universal input and output (I/O) module connected to the NOX bus. IO4 offers 4 supervised inputs for resistors (measurement range 2kΩ to 300kΩ) and 4 open collector outputs.

The open collector outputs are active by default, this enables the “GND signal” to be available on the terminals.



### NOX IO4 -G2 specifications

- 4 supervised inputs, 2k Ohm to 300k Ohm resistance is individually configurable for each input in steps of 100 Ohm.
- Each input can be double and triple balanced, so both the alarm, sabotage and anti-mask can be connected to the same input.
- 4 open collector outputs (up to 350 mA per output).
- The outputs are visualized and monitored real time by the use of PLC logic functions.
- Resistance compensation per input enables very long distances between the module and the detection point.
- Integrated tamper switch



# NOX IO4 -G2 • N119-G2

Technical Data				
	Unit	Min.	Nominal	Max.
Supply voltage (VBUS)	VDC	8.0	15.0	16.0
Current consumption	mA			7
Operating temperature	°C	0	25	40
Air humidity @ 40°C (non condensing)	% RH			93
Input resistance, absolute max. rating	kΩ	2		300
Input resistance, recommended range, input 1 to 4	kΩ	3.5	12	50
Self-resetting fuse VBUS 1 + VBUS 2 together	mA			200
Self-resetting fuse VBUS 3 + VBUS 4 together	mA			200
Open collector current, output 1 to 4	mA			350 each
Open collector peak current, output 1 to 4	mA			500
Open collector leakage current in "Off" state	μA			2
Cable length for any connection to terminal P3	m			30
Dimensions (L x W x H)	mm	85 x 66 x 27		
Degree of protection according to IEC 60529:2001		IP20		

Terminal connections						
<b>Terminal P2</b>	<b>+</b>	<b>-</b>	<b>A</b>	<b>B</b>		
<b>Pin</b>	8 - 16 VDC	GND	Bus A	Bus B		
<b>Description</b>	Supply Voltage (VBUS)		NOX Bus connection			
<b>Terminal P3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Pin</b>	VBUS 1	Input 1	Output 1	VBUS 2	Input 2	Output 2
<b>Description</b>	IO block 1			IO block 2		
	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Pin</b>	VBUS 3	Input 3	Output 3	VBUS 4	Input 4	Output 4
<b>Description</b>	IO block 3			IO block 4		

