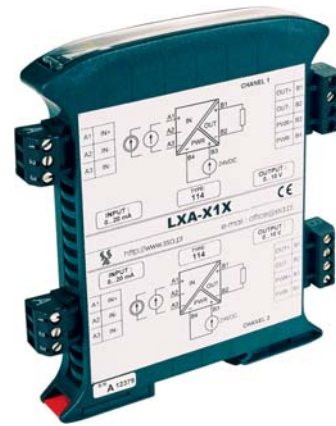


- Galvanic separation input/output/supply.
- Signal conversion between input and output.
- High reliability and accuracy.
- Detachable, fast and reliable wire connectors.
- Slim, rail and fast click mounted housing.
- Single or dual independent channels.
- Special versions on request.

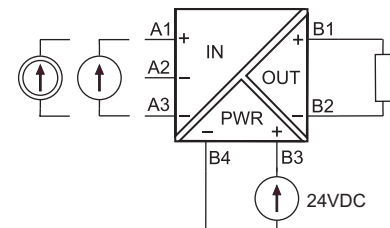
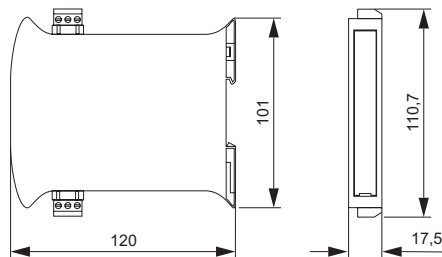
3 years warranty



The LXA-X1X isolator is dedicated for separation the analog input signal from the output line. A device assures full 3 ways galvanic separation between input, output and supply lines.

User may to choose one of factory preset current (0...5 mA, 0...20 mA, 4...20 mA) or voltage (0...10V). For 4...20mA input it is possible to supply the input current loop.

Two independent channels allow for space saving in the control cabinet.
There is possibility to deliver device for non-standard signals on demand.



Order LXA-X1X using the following code:

Channel 1 — Channel 2
LXA - □ 1 □ - □ 1 □

Input signal	Code
0...20mA	0
4...20mA (2W)	1
4...20mA	2
0...5mA	3
0...10V	4
On request	S

Code	Output signal
0	0...20mA
2	4...20mA
3	0...5mA
4	0...10V
S	On request

Notes :

1. Single channel version - specify only channel 1, eg. LXA - 212.
2. Order code for channel 2 specify like for channel 1.

Input

- input span (factory preset) 0...5mA, 0...20mA, 4...20mA, 0...10V,
4...20mA with current loop supply
- input resistance
 - current input $\leq 100\Omega$
 - voltage input $\geq 500k\Omega$
- input current loop supply 18...22V DC / 20...0mA
- overload $\leq 200\%$ input span

Output

- output signal (factory preset) 0...20mA, 4...20mA, 0...10V
- load resistance
 - current output $\leq 500\Omega$
 - voltage output $\geq 1k\Omega$
- load variation influence $\leq 0.05\%$

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- basic accuracy $\leq 0.15\%$
- response time (10..90%) $\leq 0,2$ s
- galvanic separation (test) 1,5 kVAC, 50Hz, 1 min
- warm up time 15 min

Power supply

- supply voltage
 - nominal 24 VDC
 - supply voltage range 20...30 VDC
- supply current ≤ 90 mA
- supply voltage variation influence $\leq 0.05\%$

Temperature

- operating temperature 0...70°C
- temperature influence $\leq 0.01\%/^{\circ}\text{C}$

Environment conditions

- storage temperature -20...85°C
- humidity (non-condensing) $\leq 90\%$
- working position vertical

Housing

- material molded PC/ABS
- protection housing/terminals IP20/IP20
- wire connections plugs with screw terminals 1.5 mm²
- dimensions see drawings on the first page
- weight (single / dual channel) ~ 110 g / 160 g