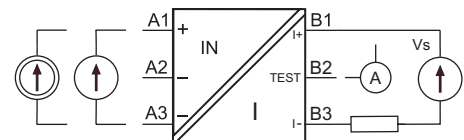
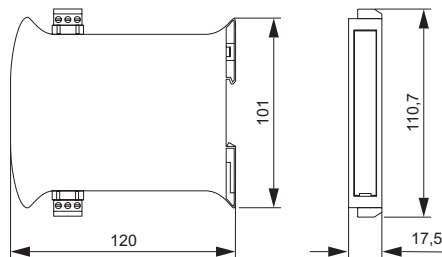


- Jumper selected input signal.
- Current output 4...20 mA (current loop).
- Galvanic separation input/output.
- Signal conversion between input and output.
- High reliability and accuracy.
- Detachable, fast and reliable wire connectors.
- Slim, rail and fast click mounted housing.
- Special versions on request.

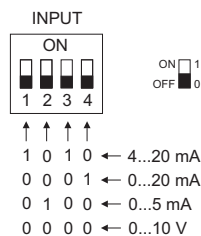
3 years warranty



The LXA-U11 universal analog isolator is dedicated for separation an analog input signal from the output line 4...20mA. A device works as a current loop regulator with galvanic separation between input signal and output. The LXA-U11 is self powered from the current loop. Front jumpers allow for easy and comfortable setting input signal. User may to choose one of the current signal (0...5 mA, 0...20 mA, 4...20 mA) or voltage (0...10V). Front jumpers are covered by transparent protection cover. There is possibility to deliver device for non-standard signals on demand.



The input signal is programmable via DIP switch located on the front panel.



It is recommended to set input range before installation.

Order LXA-U11 using the following code:

LXA - U11

Input

■ input span (jumper selected)	0...5mA, 0...20mA, 4...20mA, 0...10V
■ input resistance	
- current input	$\leq 100\Omega$
- voltage input	$\geq 500k\Omega$
■ overload	$\leq 200\%$ input span

Output

■ output signal	4...20mA
■ permissible load resistance (RI)	see load diagram
■ load variation influence	$\leq 0.03\%$

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■ basic accuracy	$\leq 0.15\%$
■ response time (10..90%)	≤ 0.2 s
■ galvanic separation (test)	1.5kV AC, 50Hz, 1min
■ warm up time	15min

Power supply

■ supply voltage (Vs)	9...30V DC
■ supply voltage variation influence	0.03%
■ permissible ripple	$\leq 4V_{pp}$, 50Hz

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	any

Housing

■ material	molded PC/ABS
■ protection housing/terminals	IP20/IP20
■ wire connections	plugs with screw terminals 1,5mm ²
■ dimensions	see drawings on the first page
■ weight	~ 100g

Diagrams