

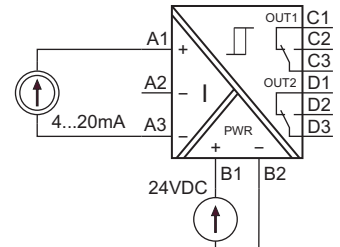
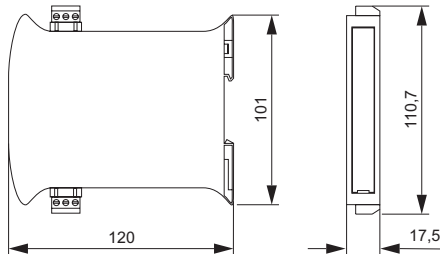
- Conversion of 4...20 mA input signal for relay contacts (NO / NC).
- Two independent outputs.
- Programmed parameters:
  - trigger level (potentiometer)
  - function MIN or MAX (jumper)
  - hysteresis SMALL or LARGE (jumper)
- Galvanic separation input/output.
- High reliability and accuracy.
- Detachable, fast and reliable wire connectors.
- Slim, rail and fast click mounted housing.

3 years  
warranty

The LXP-21K level triggered indicator is dedicated for signalization if the input current exceeds programmed level. There are two independent signalization channels with relay contact NO / NC. All jumpers and potentiometers are placed on the front panel:

- jumpers for setting function and hysteresis for each independent channel,
- potentiometers for trigger level adjusting,
- LEDs for optical indication.

Two independent outputs allow for space saving in the control cabinet.



In order to config LXP-21K follow these steps:

1. 1. Using front jumpers set required function and hysteresis for each channel separately:



- Output 2 : function (OFF - MIN, ON - MAX)
- Output 1 : function (OFF - MIN, ON - MAX)
- Output 2 : hysteresis (OFF - SMALL, ON - LARGE)
- Output 1 : hysteresis (OFF - SMALL, ON - LARGE)

2. Adjust by potentiometers (SETPOINT 1 or 2) required trigger level which turns on the output.

Order LXP-21K using the following code:

**LXP - 21K**

**Input**

- input current span 3.5...22mA
- input voltage drop  $\leq 5.5V$

**Outputs**

- output type contacts
- contact load  $\leq 6A, 230V AC$   
 $\leq 6A, 24V DC; 0.15A, 230V DC$   
 $\sim 270V AC$
- contacts protection (varistor)

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- basic accuracy  $\leq 0.1\%$
- hysteresis (jumper selected)
  - small  $\sim 0.2mA$
  - large  $\sim 0.4mA$
- response time (10..90%)  $\leq 0.3s$
- galvanic separation (test) 1.5kV AC, 50Hz, 1min
- warm up time 10min

**Power supply**

- supply voltage (Vs)
  - nominal 24V DC
  - supply voltage range 20...30V DC
- supply current (without load)  $\leq 30mA$

**Temperature**

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

**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<sup>2</sup>
- dimensions see drawings on the first page
- weight  $\sim 140g$