Type

Rail mounted level triggered indicator

LXP - 217

Features

- Conversion of 4...20 mA input signal for binary open collector PNP output.
- 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

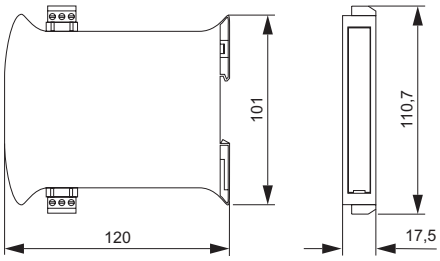
CE

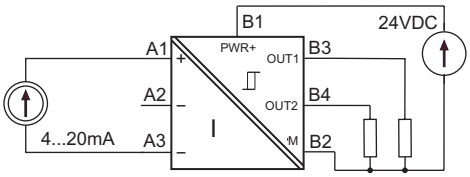
Description

The LXP-217 level triggered indicator is dedicated for signalization if the input current exceeds programmed level. There are two independent signalization channels with binary open collector PNP outputs.
All jumpers and potentiometers are placed on the front panel:
- jumpers for setting function and hysteresis for each independent channel,
- potentiometers for triger level adjusting,
- LEDs for optical indication.

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

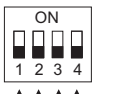
Dimm. / Connect.





Programming

In order to config LXP-217 follow these steps:
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.

Ordering

Order LXP-217 using the following code:

LXP - 217

Revision : ENG1V09

Specifications

Input

input current span	3.5...22mA
input voltage drop	≤ 5.5V

Outputs

output type	binary, open collector - PNP
output voltage	≥ Vs-1V
output current	≤ 0.7A

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

Power supply

supply voltage (Vs)	
- nominal	24V DC
- supply voltage range	12...30V DC
supply current (without load)	≤ 10mA

Temperature

operating temperature	0...70°C
temperature influence	≤ 0.01%/°C

Environment conditions

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

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	~ 110g