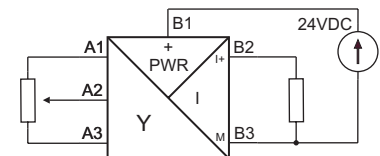
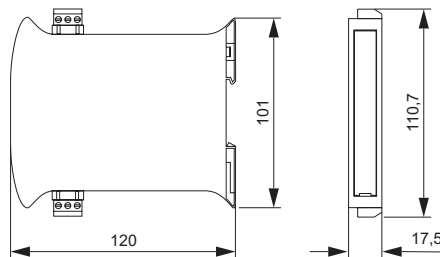


- Input potentiometer 100Ω...5kΩ
- Current output 4...20 mA.
- No trimming for various potentiometers.
- High reliability and accuracy.
- Detachable, fast and reliable wire connectors.
- Slim, rail and fast click mounted housing.
- Single or dual independent channels.
- Special versions on request.

3 years warranty



The LXY-P02 position transducer converts slider position of the potentiometer for the current 4...20 mA. Any potentiometer from 100Ω up to 5kΩ may be used without needs of trimming. Two independent channels allow for space saving in the control cabinet.



Order LXY-P02 using the following code:

Channel 1 ——— Channel 2
LXY - P02 - P02

Notes :

1. Single channel version - specify only channel 1: *LXY -P02*.
2. Dual channel version specify: *LXY - P02 - P02*.

Input

- potentiometer 100Ω...5kΩ

Output

- output signal 4...20mA
- permissible load resistance ≤ 500Ω
- load variation influence ≤ 0.03%

General data

- basic accuracy ≤ 0.1%
 - potentiometer ≤ 500 Ω ≤ 0.2%
- response time (10...90%) ≤ 0.05 s
- warm up time 10min

Power supply

- supply voltage (Vs)
 - nominal 24V DC
 - supply voltage range 20...30V DC
- supply current (without load) ≤ 30mA
- supply voltage variation influence ≤ 0.15%

Temperature

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

Environment conditions

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

Housing

- material molded PC/ABS
- protection housing/terminals IP20/IP20
- wire connections plugs with screw terminals 1.5mm²
- dimensions see drawings on the first page
- weight (single / dual channel) ~ 80g / 110g