

LCIS TEMPERATURE/ANALOGUE CONVERTERS, PT100, ADJUSTABLE

750809.0000

LCIS-WPT2LA Converter, PT100 / std, 24V ac/ac, screw

- 6,2mm wide
- Isolation voltage 2,5kV
- 3-way isolation
- 24V AC/DC supply voltage
- DNV- and GL-approved



PRODUCT DESCRIPTION

Lütze Pt100 signal converters are suitable for 2 or 3-wire sensors. Input can be selected between 8 temperature ranges, output options include common standard signals. Converter is adjusted with DIP-switch and it is self-calibrating which ensures effortless installation.

The converter features 3-way galvanic isolation, each terminal can be connected by jumper comb. Extremely compact design, width of 6,2mm only. Can be installed in any position. Equipped with either push-in or screw terminals.

SPECIFICATIONS

| | |
|---------------------------|----------------------|
| Approvals | CE, cULus, RoHS |
| Cross Section Max | 2.5 mm ² |
| Cross section min | 0.25 mm ² |
| Depth | 73 mm |
| Height | 93 mm |
| Insulation voltage in/out | 2500 V |
| IP Class | IP20 |
| Linearity | 0,1 % FSR |
| Load Impedance | 500 Ω |
| Load impedance power | <500 Ω |
| Load impedance voltage | Min. 2 kΩ |
| Manual switch | Yes |

| | |
|---------------------------------|------------------|
| Reaction time | 60 ms |
| Supply voltage | 24 V AC/DC |
| Switching Frequency max | 10 Hz @ 3 dB |
| Temperature coefficient | <150 ppm/° K FSR |
| Temperature range bearing, from | -40 °C |
| Temperature range bearing, to | 85 °C |
| Temperature range from | -25 °C |
| Temperature range to | 60 °C |
| Weight | 30 g |
| Width | 6.2 mm |

