

LCIS TEMPERATURE/ANALOGUE CONVERTERS, PT100, ADJUSTABLE

750819.0000 LCIS-WPT3LA Converter, PT100 / std, 24V ac/dc, screw





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



PRODUCT DESCRIPTION

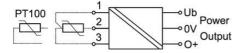
Lütze Pt100 signal converters are suitable for 2 or 3-wire sensors. Input can be selected between 8 temperature ranges, output options include common standard signals. Converter is adjusted with DIP-switch and it is self-calibrating which ensures effortless installation.

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 mm² |
| 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. $2 k\Omega$ |
| 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 |



| S1 | | Output | | |
|-----------------------------|---|--------|--|--|
| Switch On | 5 | 6 | | |
| 0-10V | | | | |
| 0-20mA | Г | • | | |
| 4–20mA | • | • | | |

| S1 | Input | | | |
|-----------------------------|-------|---|---|---|
| Switch On | 1 | 2 | 3 | 4 |
| PT100, 3-wire | | | | |
| PT100, 2-wire | • | | | |
| -50 - 50°C | | | | |
| -50 - 100°C | | • | | |
| -50 - 150°C | | | • | |
| 0 – 100°C | | • | • | |
| 0 – 150°C | | | | • |
| 0 – 200°C | | • | | • |
| 0 – 300°C | | | • | • |
| 0 – 400°C | | • | • | • |

