

## LCIS TEMPERATURE/ANALOGUE CONVERTERS, PT100, ADJUSTABLE

750817.0000

LCIS-WP-WPT3LA, Converter, PT100 / std, 24-240V ac/dc, screw

- Selectable temperature range -50...+400 °C
- Automatic calibration
- 3-way isolation, 4kV
- 24-240 V 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

<b>Approvals</b>	CE, cULus, GL, RoHS
<b>Cross Section Max</b>	2.5 mm <sup>2</sup>
<b>Cross section min</b>	0.25 mm <sup>2</sup>
<b>Depth</b>	73 mm
<b>Height</b>	93 mm
<b>Insulation voltage in/out</b>	4000 V
<b>IP Class</b>	IP20
<b>Linearity</b>	0,1 % FSR
<b>Load Impedance</b>	500 Ω
<b>Load impedance power</b>	Max. 500 Ω
<b>Load impedance voltage</b>	Min. 2 kΩ
<b>Manual switch</b>	Yes
<b>Reaction time</b>	60 ms
<b>Supply voltage</b>	24-240 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	59 g
Width	17.5 mm

**S1**  
● → Switch On

	Output
	5 6
0–10V	●
0–20mA	● ●
4–20mA	● ●

**S1**  
● → Switch On

	Input
	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	● ● ●

