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

Approvals	CE, cULus, GL, RoHS
Cross Section Max	2.5 mm²
Cross section min	0.25 mm²
Depth	73 mm
Height	93 mm
Insulation voltage in/out	4000 V
IP Class	IP20
Linearity	0,1 % FSR
Load Impedance	500 Ω
Load impedance power	Max. 500 Ω
Load impedance voltage	Min. 2 kΩ
Manual switch	Yes
Reaction time	60 ms
Supply voltage	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		●	●	●





