

## LCIS TEMPERATURE/ANALOGUE CONVERTERS, J&K TYPES, ADJUSTABLE

750847.0000

LCIS-WP-WTCA Converter, J&K / std, 24-240V ac/dc,  
screw

- Selectable temperature range -50...+1200 °C
- Automatic calibration
- 3-way isolation, 4kV
- 24-240 V AC/DC supply voltage
- DNV- and GL-approved



### PRODUCT DESCRIPTION

Lütze J- and K-type signal converters. 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

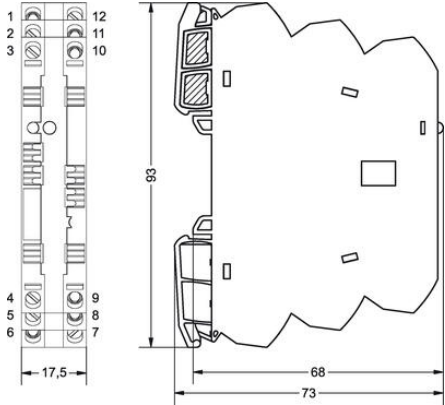
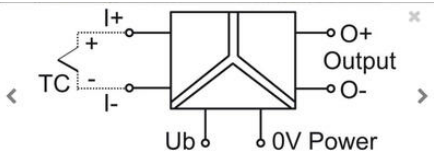
Approvals	CE, cULus, RoHS
Cross Section Max	2.5 mm <sup>2</sup>
Cross section min	0.25 mm <sup>2</sup>
Depth	73 mm
Height	93 mm
Insulation voltage in/out	4000 V
IP Class	IP20
Linearity	0,1 % FSR
Load Impedance	500 Ω
Load impedance power	Max. 500 W
Load impedance voltage	Min. 2 kV
Manual switch	Yes

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

TC J (Fe-CuNi)				
TC K (Ni-CrNi)	●			
-50 – 200°C				
-50 – 350°C		●		
0 – 200°C			●	
0 – 400°C		●	●	
0 – 600°C				●
0 – 800°C		●		●
0 – 1000°C			●	●
0 – 1200°C		●	●	●