

## OUTDOOR TEMPERATURE TRANSMITTER TEU LL

TEU LL is a 2-wire temperature transmitter made for automatic HVAC systems to detect outdoor temperature.

Temperature is detected by a Pt 100 element with a nominal resistance of 100  $\Omega$ / 0°C.

The signal of the Pt100 element is converted into a 4...20mA signal. The range of the transmitter (factory setting: -50...+50°C = 4...20mA) can be changed at commissioning.

Housing is made of weather-proof uv-protected PC plastics (IP54).

Terminal blocks tilted 45° and sufficient space in the housing make an easy installation.



### Technical data:

Sensor	Pt 100 EN60751/B
Housing	PC plastics, uv-protected
Protection class	IP 54, cable entry downwards
Supply	15...35 Vdc
Output	4...20 mA
Cable entry	M16
Range	selectable
Accuracy	± 0.5 °C (at 0°C)
Transmitter	2-wire
Allowed ambient temperature	-50...+60 °C
Dimensions w x h x d	115 x 115 x 45 mm

### Range / Temperature / Output:

0/50	0/100	-50/50*	-50/150	mA
0	0	-50	-50	4
25	50	0	50	12
50	100	50	150	20
<b>on</b>	<b>on</b>	<b>off*</b>	<b>off</b>	<b>S1</b>
<b>off</b>	<b>on</b>	<b>on*</b>	<b>off</b>	<b>S2</b>

\* -50/+50 = factory setting

### Ordering guide:

Model	Product number	Description
TEU LL	1177090	outdoor temperature transmitter, 2-wire 4...20mA
TEU-N	1170130	display cover for TEU-transmitter

Products fulfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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