DATA SHEET

TEKY6 LL

Produal

Distributed by AKRIBIS

COLD SPACE TEMPERATURE TRANSMITTER TEKY6 LL

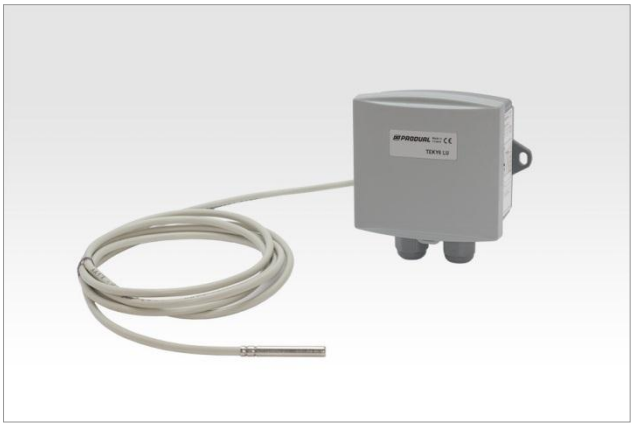
TEKY6 LL temperature transmitter is designed for cold space temperature measurement in automatic HVAC systems.

The temperature is detected by a Pt1000 sensor element. The sensor element resistance information is converted to 4…20 mA signal. The temperature range can be chosen at the commissioning.

The transmitter settings can be changed by using the ML-SER commissioning tool. The tool can be used to make one point field calibration and to change the temperature output to controller output.

The transmitter can be equipped with a display that has resolution of 0.1 °C.

Silicone cable version TEKY6S LL is available for more demanding conditions.



Selecting the measuring range

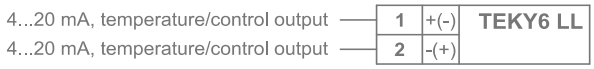
0...+50 °C	0…+100 °C	*-50…+50 °C	-50…+150 °C
S1 S2	S1 S2	S1 S2	S1 S2

* = Factory setting

Output signal

0…50	0…100	-50…50	-50…150	Signal
0 °C	0 °C	-50 °C	-50 °C	4 mA
25 °C	50 °C	0 °C	50 °C	12 mA
50 °C	100 °C	50 °C	150 °C	20 mA

Wiring



Technical data

Supply	15...35 Vdc
Sensor element	Pt1000 EN60751/B
Ranges	0...50 °C 0...100 °C -50…50 °C -50…150 °C
Accuracy	±0.5 °C (at 0 °C)
Output	4...20 mA
Measuring probe	
sleeve	∅ 6 mm x 45 mm, stainless steel
cable	∅ 5 mm x 2.3 m, LIYY 2 x 0.5
material, TEKY6	PVC
material, TEKY6S	silicone
protection class	IP67
ambient temperature	
TEKY6	-30…+80 °C
TEKY6S	-50…+150 °C
Housing	
protection class	IP54 (cable gland downwards)
cable gland	M16
ambient temperature	-30…60 °C

Ordering guide:

Model	Product number	Description
TEKY6 LL	1177320	2-wire, 4...20 mA temperature transmitter
TEKY6S LL	1177340	2-wire, 4...20 mA temperature transmitter
TEU-N V2	1170270	display cover for LL and LU transmitters
ML-SER	1139010	transmitter commissioning tool

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

Information is subject to change without prior notice.