akribis

DATA SHEET

LLK

Produal

Distributed by AKRIBIS



TEMPERATURE TRANSMITTER LLK V2

LLK V2 temperature transmitter is designed to detect temperature in HVAC applications. The temperature sensor is not delivered with the transmitter.

The temperature sensor can be any sensor that is equipped with Pt1000 sensor element. The transmitter converts the sensor element resistance information 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.

LLK-N V2 transmitter display resolution is 0.1 °C.



Selecting the measuring range

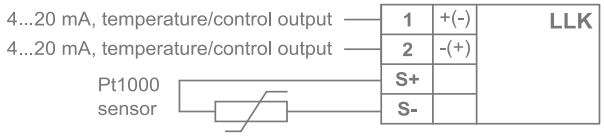
0...+50 °C	*0…+100 °C	-50…+50 °C	-50…+150 °C
S1 S2	S1 S2	S1 S2	S1 S2

* = 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 (not included)	Pt1000 EN 60751/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
Housing	
protection class	IP54 (cable gland downwards)
cable gland	2 x M16
dimensions (w x h x d)	106 x 102 x 46 mm
ambient temperature	-30…60 °C

Ordering guide:

Model	Product number	Description
LLK V2	1182230	temperature transmitter without sensor, 2-wire transmitter, 4…20 mA
LLK-N V2	1182231	temperature transmitter with display and without sensor, 2-wire transmitter, 4…20 mA
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).

AKRIBIS · www.akribis.info · contacto@akribis.info Information is subject to change without prior notice.