

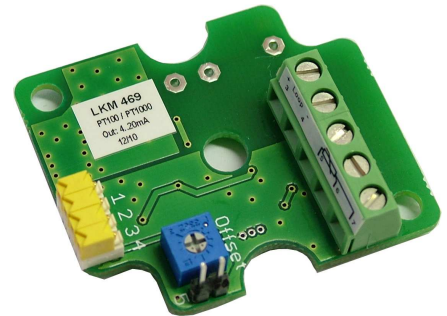
LKM469 FOR PT100/PT1000

Digital configurable measuring transducer to mount in enclosure PK101 with a current output of 4 to 20 mA and a supply voltage of 24 V

The LKM 469 is a digital measuring transducer for Pt100/Pt1000 with current output and measuring ranges configurable with four jumpers. Model 469 has 12 measuring ranges and is completely equalized. Minor corrections can be carried out on site using the zero point controller. The sensor is connected with a 3-/2-lead circuit. Also available as a type specially protected with a dipping enamel.

The following ranges are configurable:

-100 to 100 °C	-30 to 60 °C	0 to 50 °C
-20 to 150 °C	-30 to 70 °C	0 to 100 °C
-50 to 50 °C	-20 to 80 °C	0 to 150 °C
-40 to 60 °C	0 to 40 °C	0 to 200 °C



TECHNICAL DATA

Input:	Pt100/Pt1000	self – detecting, 2-/3- wire circuit
Overall measuring range:	-100 to 200 °C	Adjustable via DIP-switch
Measuring current:	0.25 mA	
Current consumption:	max. 21 mA	
Loop voltage:	10 to 35 V	polarity - safe
Resolution:	0.1 K	
Measuring accuracy:	0.2 K	
Measuring rate:	2/s	
Output:	4 to 20 mA	other output voltages possible
Probe break:	>20 mA	
Short circuit:	<4 mA	
Type of terminals:	Screw clamps	0.13 to 1.5 mm ²
Temperature coefficient:	<0.01 K/°C	Set temperature range 0 to 100 °C
Operating temperature range:	-40 to 85 °C	
Mounting:	housing similar to PK101 (Bopla)	
Dimension:	47x41mm	
Weight:	Appr. 20 g	
EMC:	EN 61326-1:2006 EN 61326-2-3:2006	Emission and Resistance to Interference

