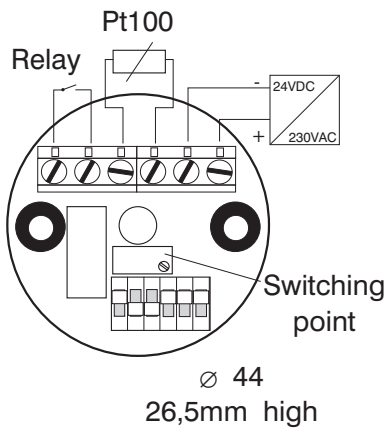


Components and accessories

Transmitter

Transmitter LKM 105



In-Head-Switch Transmitter LKM 105

Pt100, B-head, free configurable, 24V supply voltage

The LKM 105 is a free configurable transmitter for RTD's Pt100 according to DIN EN 60751.

It observes the temperature dependence resistance with high accuracy and switches the relay if switch temperature is reached. With the help of 6 Dip-switches and a potentiometer one may adjust the LKM 105. The measuring range, the switching temperature, the switching function (open or close) and the hysteresis may be adjusted (see also operating instructions LKM 105). The transmitter is designed for mounting in protection head DIN B. One can also buy this transmitter with customized adjustments.

Input

Pt100, 2 wire circuit

Sensor fracture

like high temperature

Shorted Sensor

like low temperature

Permissible ripple

< 10 %

Vibration

5g/10-200Hz

Switching current

max. 5A

switching range

16 ranges between -200°C ... 480°C

Switching precision

<1%

Contact rating

150W / 1250VA

Switching voltage

30VDC, 250VAC

Components and accessories

Transmitter

Transmitter LKM 105

TCR

<50ppm/°C

Accuracy

<1% FS

Operating temperature range

-25°C ... +70°C

Terminal type

screw terminal

Clamping range

0.13...1.5mm²

Humidity

< 95%

EMC emission

EN 61000-6-3:2001

EMC interference rejection ratio

EN 61000-6-3:2001

Mounting

B-Head

Supply voltage

21 ... 27 VDC / 15mA

Dimension

44mm x 26,5mm (DxH)

Sealing compound

Polyurethan, black

Weight

approx. 40g