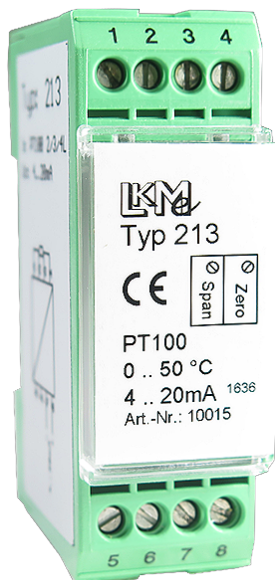


Components and accessories

Transmitter

Transmitter LKM 213



Din-Rail Transmitter LKM 213

Pt100/Pt1000, rail mounting, 4..20mA, 24V supply voltage

The LKM 213 is an analogue transducer for Pt 100/Pt1000-temperature sensors according DIN EN 60751. The temperature-sensitive resistance will be transformed into an analogue current output of 4..20mA. The transducer LKM 213 can be mounted on customary rail systems. The LKM 213 has been tuned ex works according to customized requires. Further fine-tuning can be arranged by span and zero controller.

Input

Pt100/Pt1000, 2-/3-/4 wire circuit

Output

4...20mA current loop

Range

> 20°C*

Zero point

-200°C ... +600°C*

Loop voltage

10...35VDC, reverse protection

Test current

0.8 ... 1mA*

Sensor fracture

>20 mA

Shorted Sensor

<4 mA

Components and accessories

Transmitter

Transmitter LKM 213

Permissible ripple

< 10 %

Reaction time

< 0.1s

Vibration

5g/10-200Hz

Linearity error

<0.1% FS

TCR

<100ppm/°C

Operating temperature range

-25°C ... +85°C

Terminal type

screw terminal

Clamping range

0.2...2.5mm²

Humidity

< 95%

EMC emission

EN 61000-6-3:2001

EMC interference rejection ratio

EN 61000-6-3:2001

Mounting

35mm DIN rail

Case

EMG25-LG

Case material

Polycarbonat

Case dimension (HxWxD)

75 x 25 x 53 mm

Components and accessories

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Weight

approx. 60g

* dependent upon sensor resistance