

## 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

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**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...2.5mm<sup>2</sup>

**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

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**Weight**

approx. 60g

\* dependent upon sensor resistance