

## Outdoor RTD Transmitter TROP

- ◆ Low cost
- ◆ Pt100 input
- ◆ 2-wire 4...20 mA output available
- ◆ IP66 protection class
- ◆ Robust aluminum enclosure
- ◆ Ready to use - no adjustments



### Technical specifications

#### Input

<i>Input (RTD) type</i>	Pt100 or Pt1000 ( $w=1.385$ )
<i>Measurement range</i>	0...50 °C, -50...50 °C, -10...60 °C, -20...60 °C, -20...80 °C, 0...100 °C, -50...100 °C, or other; minimum span 50 °C

#### Output

<i>Signal type</i>	4...20 mA, 2-wire measured value
<i>Linearity proportional to</i>	
<i>Output at sensor burnout</i>	32 mA
<i>Output at sensor shorted</i>	0.2 mA

#### Accuracy

<i>Measurement error</i>	0.2% from span or 0.2 °C <sup>(1)</sup>
<i>Non-linearity</i>	within measurement error
<i>Self-heating error</i>	0.02%/mA at 24 V
<i>Temperature drift</i>	0.02% from span for 1 °C

<sup>(1)</sup> Which is greater

#### Power supply

<i>Loop voltage</i>	10...32 VDC
<i>Admissible variations</i>	1 Vp-p at 50 Hz
<i>Maximum line load</i>	750 Ω at 24V/20mA

#### Operating conditions

<i>Ambient temperature</i>	-30...65 °C
<i>Ambient humidity</i>	5...95 %RH

#### Design and materials

<i>Housing material</i>	aluminum
<i>Wiring</i>	screw terminals inside housing
<i>Mounting</i>	free
<i>Dimensions</i>	46x82x32 mm
<i>Weight</i>	max. 110 g
<i>Protection class</i>	IP66

### Ordering code TROP - G6.G11

Code	Feature or option	Code values
G6	Input	<b>BD</b> - Pt100, <b>BG</b> - Pt1000
G11	Transmission range	<b>(RANGE)</b> (see table above)