

# Temperature transmitter with direct connection on terminal block

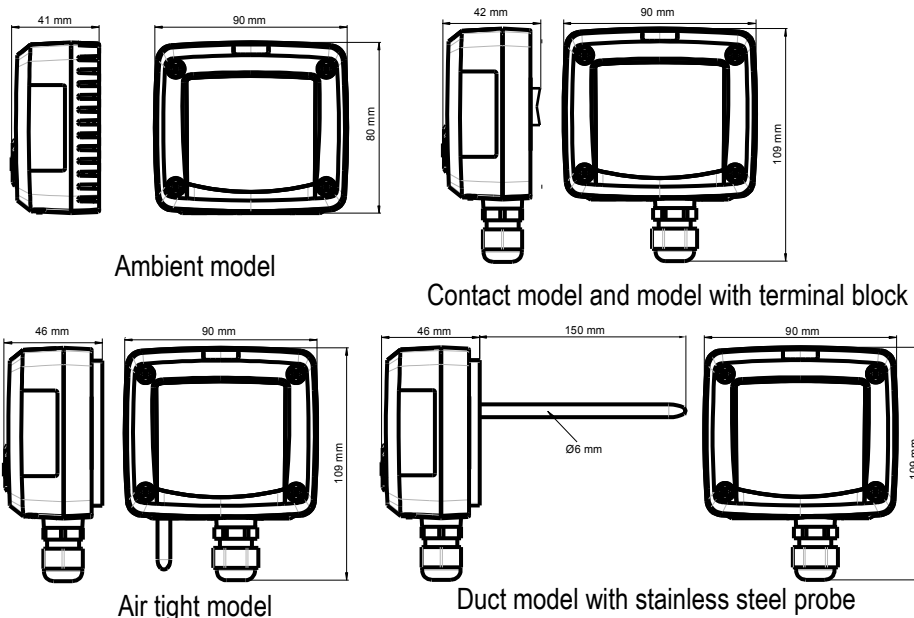
## TM 50

### KEY POINTS

- Transmitter with stainless steel contact tip (according to model)
- Measuring ranges from -20 to +80 °C or from -100 to +400 °C (according to model)
- Connection on terminal block, 2 or 3 wires output
- ABS housing, IP65 or IP20 protection
- "¼ turn" system mounting with wall-mount plate
- Housing with simplified mounting system



### FEATURES OF THE HOUSING



**Material** : ABS V0 as per UL94

**Protection** : IP20 (ambient model), IP65 (air tight, duct, contact and terminal block models)

**Cable gland** : For cables Ø 8 mm maximum

**Weight** : 143 g

**Operating temperature** : from -20 to +80 °C

**Storage temperature** : from -20 to +80 °C

### TECHNICAL FEATURES

<b>Measuring range</b>	From -20 to +80 °C (ambient, air tight, duct and contact models) From -100 to +400 °C (model with terminal block)
<b>Accuracy*</b>	Pt100
<b>Type of sensor</b>	Pt100 Class A
<b>Contact tip (duct and air tight models)</b>	Stainless steel 316L, sans welding from 3/4 to 4/4 hard
<b>Environment</b>	Air and neutral gases

\*All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

### PART NUMBER

- **TM50-S** : Ambient temperature transmitter type TM50-S. ABS wall housing. Pt100 2 / 3 wires output.
- **TM50-E** : Air tight temperature transmitter type TM50-E. ABS wall housing. Pt100 2 / 3 wires output.
- **TM50-AI** : Duct mount temperature transmitter type TM50-AI. ABS wall housing with stainless steel contact tip diameter 6 mm and length 150 mm. Pt100 2 / 3 wires output.
- **TM50-C** : Contact temperature transmitter type TM50-C. ABS wall housing. Pt100 2 / 3 wires output.
- **TM50-B** : Temperature transmitter with terminal block type TM50-B. ABS wall housing. Pt100 2 / 3 wires input. Pt100 2 / 3 wires output.

