

# Installation Instructions for diff. pressure guard, TBLZ-2-92 **GOLD**

## 1. General

The differential pressure guard is designed for the monitoring of air handling units. It can be used for fire alarms, for example, by measuring the differential pressure over a filter or filter/heat exchanger, or for monitoring the activation of combustion gas fans.

The pressure sensor is supplied complete with 2 screws for mounting, 2 plastic insertion joints and a 2 m hose Ø 4 / 7 mm.

## 2. Mounting

The pressure guard is factory-calibrated in a vertical position. In the event of horizontal installation, the switching pressure is affected as follows:

- With the lid positioned at the top, the switching pressure is 15 Pa higher than the scale.
- With the lid positioned at the bottom, the switching pressure is 15 Pa lower than the scale.

## 4. Technical data

Range of measurement: 40 - 600 Pa

Max. pressure: 50 kPa

Load: 3 A (2 A inductive) / 250 V AC

Media: Air and non-aggressive gases

Cable gland: 1 x PG9

Ambient temp.: -20 to +60°C

Storage temp.: -40 to +85°C

Service life: > 1,000,000 switching operations

### Material

Enclosure: ABS

Lid: PC

Membrane: Silicone

Insertion joint: ABS

Hose: PVC, soft

Approval: CE-approved according to the  
EC Directive low current 73/32/EEC

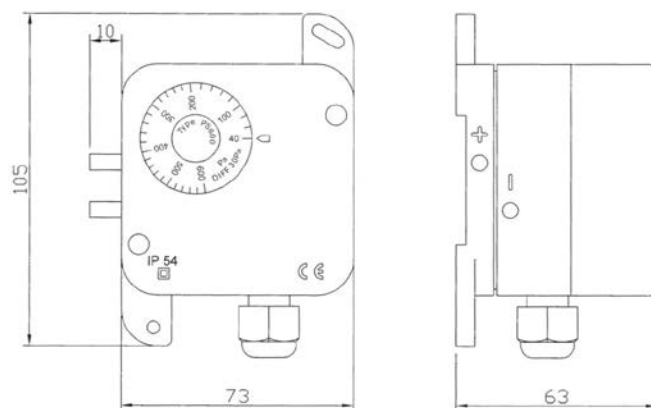
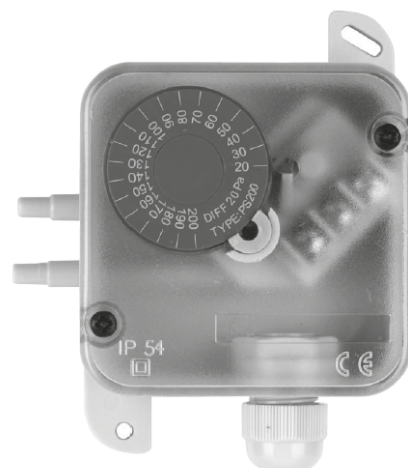
Dim. (WxHxD): 73x105x63 mm

Weight: 150 g (350 g with accessories)

Enclosure class: IP54

### Coupling difference/Accuracy

Coupling difference	Accuracy low pressure	Accuracy high pressure
30 Pa	40 Pa ±5 Pa	600 Pa ±30 Pa



## 5. Electrical connection

