



Pin	Signal
1	+ supply
2	Output
3	Ground

## Description

DPT-20.0 is designated for measuring differential pressures in the atmosphere. The use in aggressive gases or formation of condensation will destroy the sensor. The transmitter can be applied in the fields of pneumatics, processing engineering, mechanical engineering and air-conditioning engineering.

## Service

The pressure sensors can be operated free of maintenance.

## Technical data

Voltage output	<b>0 ... 10 V</b>
Supply voltage	> 14 ... 30 V DC
Linearity	+/- 1.0 % FS
Total error	+/- 2.5 % FS
Connection	C-clamp in the housing
Pressure connection	hose connector 3.5 / 5.5 mm
Working temperature	0 ... 50 °C
Ambient temperature	0 ... 50 °C
Type of protection	IP 65

## Measuring range (x)

$$P_{\max} = 10 * P_{\text{nom.}}$$

+/- 100 mbar
+/- 50 mbar
+/- 20 mbar
+/- 10 mbar
+/- 5 mbar
+/- 3 mbar
+/- 1 mbar

Possible variations:

0 mbar ... +x mbar
-x mbar ... +x mbar
-x mbar ... 0 mbar

Other measuring ranges on request.

## Note

We compiled this operating instructions carefully. Nevertheless, it was not possible to take all possibilities of application into account. If this data sheet should lack the solution of your special task, please don't hesitate to contact us.

## Safety information

During installation, putting into service and operation of the pressure sensors, it is necessary to observe the relevant safety regulations that are in force in the country of the user (as for example, DIN VDE 0100 part 410).

Errors excepted; subject to alterations in the sense of technical improvement.