Pressure and air flow meter

PC410

Description

The meter PC410 is very versatile. Among it's many properties is a unique capability to handle the setting of valves and air terminal units with variable k-factors. This very much simlifies the balancing of ventilation systems. The meter is hence very suitable for use together with Lindab's MBB-box.

Features

- Possibility to measure variable k-factors
- Logs data over time
- Magnet which attaches it to ducts
- Transfers data via USB
- Can be operated with one hand
- Display and print in English and Swedish ENSE

Supplied with

- Batteries and instruction manual
- 1 plastic box
- An adjustable carrying strap 1,5 m
- 1 silicone hose Ø 3,5 mm, t 1,5 mm, length 6 m
- A rubber tube Ø 5,5, t 2 mm, length 1,5 m

Optional

- Display and print in English and German ENDE
- Display and print in English and French ENFR
- Display and print in English and Swedish ENSE

Ordering example

	PC410	**ENSE**
Product		
Type		

Differential pressure	Range	-10 000 to +10 000 Pa
(internal with temperature compensated Piezo-bridge)	Accurancy	< 3 % of the reading
		< 0,3 Pa in the range -10 to +10 Pa
	Resolution	1 Pa
		0,1 Pa in the range -1100 to +1100 Pa
Temperature	Range	-20 to +60 °C
(internal with NTC-sensor)	Accurancy	< 1 °C
	Resolution	0,1 °C
Temperature (optional)	Range	2 channels, -20,0 to +800,0 °C
(external with e.g. temperature pliers or surface temperature sensor)	Accurancy	1,5 % of the reading, according to EN 50379-2
		< 2 °C in the range -20 to +133 °C
	Resolution	0,1 °C
Relative humidity (optinal)	Range	0 to 100 % RH, non condensating
(internal)	Accurancy	< 2 % RH
		< 3 % RH in the range 90 to 100 % RH
	Resolution	0,1 % RH
Absolute pressure (optinal)	Range	30 000 to 110 000 Pa
(internal)	Accurancy	< 1,5 %
	Resolution	10 Pa

Lindab®

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Accessories / Supplies

TD100 thermal printer, with one roll of thermal paper and 4 batteries. Can also be used with Lindab Leakage Tester.

LTPP printer paper for thermal printer TD100. Set of 10 rolls, 57 mm wide.

Lindab PC-Software can easily be downloaded from Lindab´s homepage.

TD100   LTPP

Ordering example

TD100

Product

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Accessories for pressure and flow measuring

PCSRS
Type S Pitot tube with integrated temperature sensor for flow measurement in air control systems and heating systems.

Length 260 mm, maximum insertion length 150 mm.

For measuring holes Ø 12 mm.
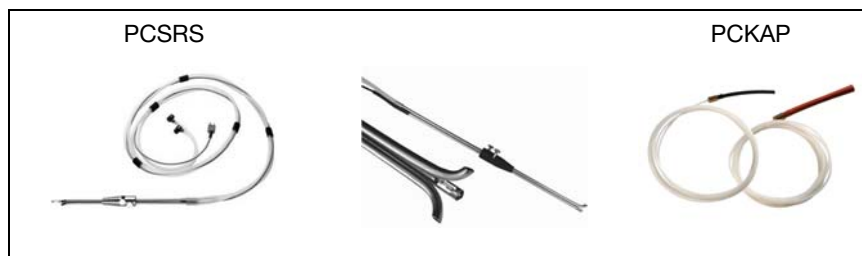
By PCSRS is measurement of 0,1 m/s possible.

Good resolution because of the favorable Pitot tubes factor 0,93.

Temperature range -20 to +400 °C.

PCKAP
Capillary tubes for pressure differential between rooms or outdoor air (such as 4 Pa-test).

2 × capillary tubes of 3 m, hose fittings and silicone tubing

PCSRS   PCKAP

Accessories for temperature measurement and heating

PCTF5
Gas and air temperature sensor, max. 900 °C.

PCZA
Measuring pliers for surface temperature measurement. To 100 °C, for tubes Ø 6–35 mm.

PCHC
Special wall temperature probe. Encapsulated sensors to measure surface temperature. For the thermal control according to DIN EN 15378. To measure the surface temperature of boilers, roofs and walls, decide value, etc.
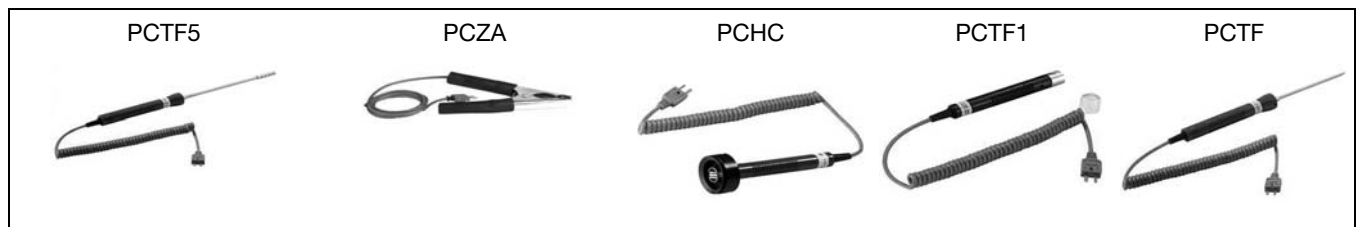Measuring range up to 100 °C.

PCTF1
Surface probe. Measuring range to max. 200 °C.

PCTF4
Penetration temperature probe. Measuring range to max. 600 °C.

PCTF5   PCZA   PCHC   PCTF1   PCTF

Ordering example

PCTF5

Product