Quick Guide

EE600 - Differential Pressure Sensor

your partner in sensor technology.

PLEASE NOTE

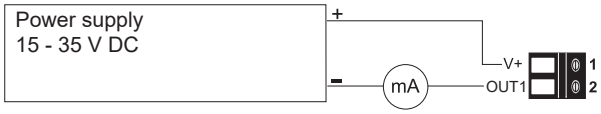
Find this document and further product information on our website at www.epluse.com/ee600.

Electrical Connection

WARNING

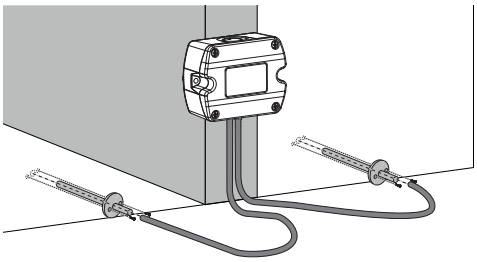
Incorrect installation, wiring or power supply may cause overheating and therefore personal injuries or damage to property. It is essential that the cables are not under voltage during installation. No voltage must be applied when the product is connected or disconnected. For correct cabling of the device, always observe the presented wiring diagram for the product version used.
The manufacturer cannot be held responsible for personal injuries or damage to property as a result of incorrect handling, installation, wiring, power supply and maintenance of the device.

Analogue Output



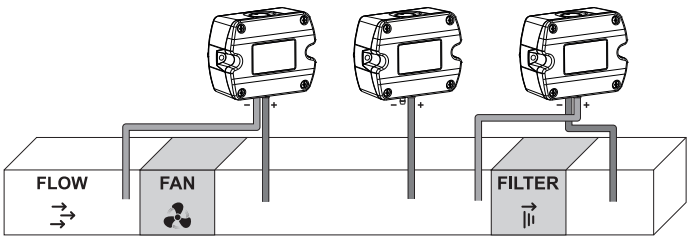
Installation

Pressure Connection



Use a Ø7.5 mm drill for installing the pressure connection nipples into the duct.

Mounting Examples



User Interface - LED Indication

Green LED	
Flashing (1 s interval)	EE600 operates normally, the measured data is within the selected measuring range
One flash (2 s)	Confirms adjustment or return to factory settings
Off	No power supply or electronics failure
Fast flashing (0.2 s interval)	Auto-zero is executed (first time 90 min after start / reset)

Red LED	
Flashing (1 s interval)	The measured data is out of the selected range (overload or reversed pressure connection)
One flash (2 s)	Indicates the failure of the attempt to adjust zero point or span point, or to return to factory adjustment

EE600 with 2-wire Analogue Output

S1	S2	MR[1)]	S3	S4	Time	S5	S6	Unit	S7[2)]	S8	Auto-zero[3)]	S9	Setting[4)]	S10	MD[5)]
0	**0**	100 %	**0**	**0**	50 ms	**0**	**0**	Pa	-	**0**	On	**0**	DIP switches	**0**	Bidirectional
1	**0**	75 %	**1**	**0**	500 ms	**1**	**0**	mbar	-	**1**	Off	**1**	PCS10	**1**	Unidirectional
0	**1**	50 %	**0**	**1**	2 s	**0**	**1**	inch WC							
1	**1**	25 %	**1**	**1**	4 s	**1**	**1**	kPa							

1) Measuring range 2) No function 3) Auto-zero version only 4) These and further settings can be changed with PCS10 via USB configuration adapter (HA011066) while DIP switch S9 = 1 5) Measuring direction

Measuring range examples: S1 = 1, S2 = 0, S9 = 0, S10 = 1 0...750 Pa or 0...7 500 Pa
S1 = 0, S2 = 0, S9 = 0, S10 = 0 ±1 000 Pa or ±10 000 Pa or customised measuring range

PLEASE NOTE

With the 2-wire version, manual zero point adjustment is only possible every 90 minutes if an auto-zero valve is present.

E+E Elektronik Ges.m.b.H.
Langwiesen 7
4209 Engerwitzdorf | Austria
T +43 7235 605-0
F +43 7235 605-8
info@epluse.com
www.epluse.com