Quick Guide EE600 - Differential Pressure Sensor

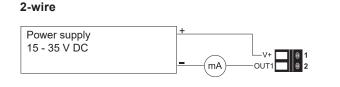
i PLEASE NOTE

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

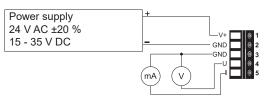
Electrical Connection

Incorrect installation, wiring or power supply may cause overheating and result in personal injury or property damage. Cables must not be under voltage during electrical installation and connection or disconnection, especially at terminal connections on circuit boards. For correct cabling, always observe the presented wiring diagram for the product version used. The manufacturer cannot be held responsible for personal injury or damage to property caused by incorrect handling, installation, wiring, power supply or maintenance of the device.

Analogue Outputs

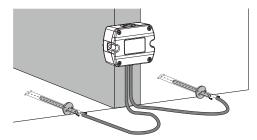


3-wire

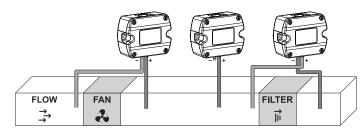


Installation

Pressure Connection



Mounting Examples



Use a Ø7.5 mm drill to install the pressure connection nipples into the duct.

User Interface - LED Indication

Green LED		Red LED			
Flashing (1 s interval)	EE600 operates normally, the measured data is within the selected measuring range	Flashing (1 s interval)	The measured data is out of the selected range (overload or reversed pressure connection)		
One flash (2 s)	Confirms adjustment or return to factory settings	One flash (2 s)	Indicates the failure of the attempt to adjust zero point or span point, or to		
Off	No power supply or electronics failure		return to factory adjustment		
Fast flashing (0.2 s interval)	Auto-zero is executed (first time 90 min after start/reset)				



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EE600 with 2-wire Analogue Output

Quick Guide EE600

Unidirectional

1

S1	S2	MR ¹⁾	S3	S4	Time	S5	S6	Unit	S7 ²⁾
0	0	100 %	0	0	50 ms	0	0	Pa	-
1	0	75 %	1	0	500 ms	1	0	mbar	-
0	1	50 %	0	1	2 s	0	1	inch WC	
1	1	25 %	1	1	4 s	1	1	kPa	-
		·							-
S8	Auto-zero ³⁾		S9	Setting ⁴⁾		S10	Meas	uring Direction ⁵⁾	
0	On			0	DIP sv	vitches	0		Bidirectional

PCS10

1) Measuring range: 100 % = max. / customised range, other MR of max. range

Off

2) No function

1

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

0...750 Pa or 0...7 500 Pa 5) Measuring range examples: S1 = 1, S2 = 0, S9 = 0, S10 = 1

1

S1 = 0, S2 = 0, S9 = 0, S10 = 0 ±1 000 Pa or ±10 000 Pa or customised measuring range

i PLEASE NOTE

The 2-wire version allows manual zero-point adjustment at 90-minute intervals if an autozero valve is present.

EE600 with 3-wire Analogue Output

S1	S2	MR ¹⁾	S3	S4	Time	S5	S6	Unit	S7	DPB ²⁾
0	0	100 %	0	0	50 ms	0	0	Pa	0	On
1	0	75 %	1	0	500 ms	1	0	mbar	1	Off
0	1	50 %	0	1	2 s	0	1	inch WC		
1	1	25 %	1	1	4 s	1	1	kPa		

S 8	Output	S9	Setting ³⁾	S10	Measuring Direction ⁴⁾
0	0-10 V/4-20 mA	0	DIP switches	0	Bidirectional
1	0-5 V/0-20 mA	1	PCS10	1	Unidirectional

1) Measuring range: 100 % = max. / customised range, other MR of max. range

2) Display backlight

3) These and further settings can be changed with PCS10 via USB configuration adapter (HA011066) while DIP switch S9 = 1

4) Measuring range examples: S1 = 1, S2 = 0, S9 = 0, S10 = 1 S1 = 0, S2 = 0, S9 = 0, S10 = 0

0...750 Pa or 0...7 500 Pa ±1 000 Pa or ±10 000 Pa or customised measuring range

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