



# Low Differential Pressure Transmitter-Regulator E2408-D



## Features

- Ranges from -50...+50 Pa to -500...+500 Pa
- High accuracy, repeatability and zero stability
- Fully calibrated and temperature compensated
- Two configurable SPST output relays
- Two analog outputs settable to 4-20 mA or 0-10 V
- RS485 Modbus RTU digital interface

## Specifications

Measured media	Dry clean air without dust, oil, mist, or aggressive compounds	
Range options	E2408-D50	-50...+50 Pa
	E2408-D500	-500...+500 Pa
Resolution	0,025% of the range	
Sensing method	thermal microflow	
Gas flow through sensor	< 0,2 ml / minute / Pa	
Zero point accuracy	± 0,2 Pa, stability < 0,1 Pa / year	
Span accuracy	±1,5% of reading @ +23°C, 1000 hPa	
Temperature effect	< 0,5% of reading per 10°C	
Atm. pressure effect	< 0,1 % of reading per hPa	
Power supply	11...30 VDC or 90...265 VAC	
Power consumption	< 2 W	
Digital interface	RS485, Modbus RTU protocol	
Analog outputs	2 × 4-20 mA / 0-10 V, user switchable	
Analog output scales	freely adjustable within range	
Output relays	2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max	
Relay set points	freely adjustable within range	
Enclosure	Light grey ABS plastic, wall mount, protection class IP65	
Dimensions	H85 × W82 × D55 mm	
Pressure ports	Ø4,0/4,9 mm, for 4/6 mm hose	
Operating environment	business and industrial spaces	
Operating conditions	-20...+70 °C, <99 %RH	

