



## Transducers

- » Display and monitoring the differential pressures of gaseous, non-aggressive media
- » Remote monitoring of the differential filter pressure
- » The potentiometer guarantees an infinitely adjustable switching point.



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## Detail



Transducers

### » Application

Electronic measuring equipment for monitoring the differential pressures of gaseous, non-aggressive media.

### » Equipment

- 6-digit digital display of the current differential pressure in Pa.
- Entry keys for the adjustment of two switching points, switching hysteresis and switching delay, as well as for the calibration of the unit.
- Output for control signals.
- 0 to 10 V output for the connection of an external display unit.

### » Construction

- Two switching points.
- Supply voltage 230 V/50 Hz or 24 V AC/DC.
- Operating instructions for connection, commissioning, and adjustment of the unit.

### » Accessories

Digital remote display, 3 1/2-digit.

## Technical data

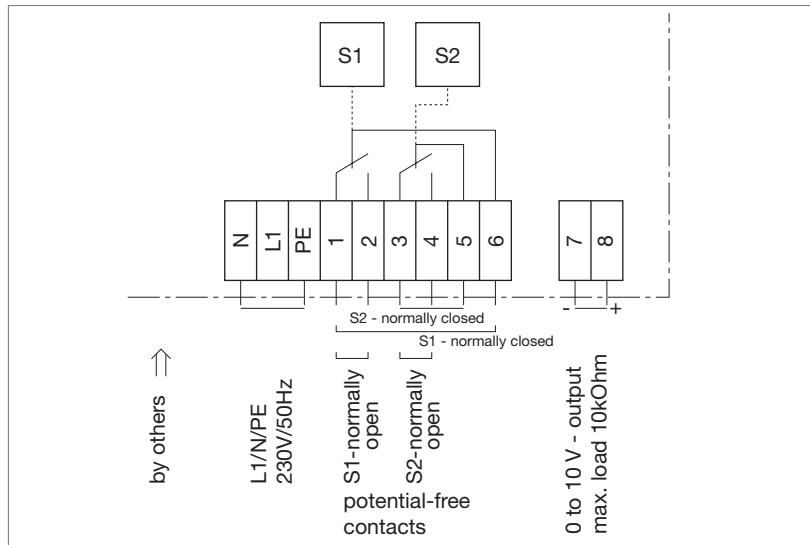
Parameters	Value
Measuring range	-1000 ... +2000 Pa
Maximum overload	Up to 10000 Pa
Medium	Air and neutral gases
Supply voltage	230 V/50 Hz or 24 V AC/DC
Degree of protection	IP 65
Analog output	0 ... 10 V
Relay output	Two relays with 250 V / 8 A changeover contact
Operating temperature	0 ... 50°C
Dimensions of casing (B x H x T)	180 x 110 x 90 mm
Pipe connection	6 mm
<b>Order number for supply voltage 230 V, 50 Hz</b>	<b>M536AH8</b>
<b>Order number for supply voltage 24 V, AC/DC</b>	<b>M536AH3</b>

Table 1: Technical data for transducer

Parameters	Value
Digital display	3 1/2-digit
Input signal	0 ... 10 V
Supply voltage	230 V/50 Hz or 24 V AC/DC
Casing dimensions (B x H x T)	96 x 48 x 120 mm
Display panel dimensions	93 x 45 mm
<b>Order number for supply voltage 230 V, 50 Hz</b>	<b>M536AE4</b>
<b>Order number for supply voltage 24 V, AC/DC</b>	<b>M536AF3</b>

Table 2: Technical data for the remote display

## Wiring diagram



Detail drawing 1: Wiring diagram for transducer

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The art of handling air

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Filters

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