

TECHNICAL DATA

Supply	24 Vac/dc (18...28 Vac/dc)
Power consumption	24 Vdc < 0,5 VA 24 Vac < 1,0 VA
Measuring range (setting by jumpers)	0...100 Pa 0...200 Pa 0...300 Pa 0...500 Pa 0...1000 Pa * 0...1500 Pa 0...2000 Pa 0...2500 Pa
Output: differential pressure or controller output	0...10 Vdc, < 3 mA
Communication	RS-485 Modbus RTU, 9.6/19.2/38.4/57.6 kB/s, 8 data bits, 1 stop bit
Inaccuracy (differential pressure)	± 3 Pa +1 % from reading
Output time constant	3 s
Long term stability, typical	< ± 10 Pa/year
Ambient temperature	0...+50 °C
Maximum static overpressure	13 kPa
Housing	IP54
Pressure connection	with internal Ø4 mm hoses
	* = Factory setting

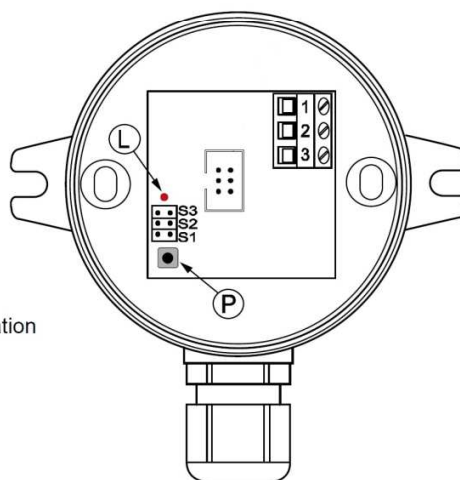
WIRING AND ASSEMBLY



Device connection and commissioning can only be carried out by qualified professionals. Always make the connections while the power is switched off.

The device should be fitted in place cable entry downwards, so that moisture and water gets out of the housing freely.

- 1 24 Vac/dc
- 2 0 V
- 3 output: differential pressure, 0...10 Vdc
- P "zero" button
- LED indicates
 - a zero point calibration
 - a power connection (one second illumination when power is connected)
- S1 differential pressure range selection
- S2 differential pressure range selection
- S3 differential pressure range selection



ZERO POINT CALIBRATION

The drift of the 0-point can be eliminated by pressing the "zero" button (P). Unplug the plastic tubes from the inlets. Press the "zero" button until the LED lights up (without flashing). At the commissioning the zero point calibration should be done after one hour of powering the transmitter.

SELECTING MEASURING RANGE

Measuring range can be selected with the jumpers S1...S3.

Pa	0...100	0...200	0...300	0...500	0...1000	0...1500	0...2000	0...2500
S3	••	••	••	••	■	■	■	■
S2	••	■	••	■	••	••	■	■
S1	■	••	••	■	••	■	••	■