



- Diaphragm element
- Smallest measuring range 0...50 Pa
- Digital display 3 1/2 digits
- Analog output 0...10 V and 4...20 mA
- Supply voltage 230 Vac, 24 Vac or 24 Vdc
- Protection class IP 65
- Also available as two-wire-transmitter (PERITACT 2000-2L)

Manometer with diaphragm element for indication of pressure, under pressure or differential pressure of non aggressive gas.

Overload protection:
Static pressure:

Zero drift:
Sum of linearity and hysteresis:
Temperature drift zero point:
Temperature drift measuring range:

PERFORMANCE:

min. up to 10-times the measuring range
max. 0.2 bar

ACCURACY / ERROR LIMIT:

± 0.75 %
± 1% of measuring range
± 0.3 % / 10 K
± 0.2 % / 10 K

TECHNICAL SPECIFICATIONS:

Operating mode: Measuring mode
Measuring medium: Air or non-aggressive gases
Measuring principle: diaphragm measuring system
Measuring unit: Pa
Smallest measuring range: 0...50 Pa (0.5 mbar)
Largest measuring range: 0...10000 Pa (100 mbar)
Measuring range: 0...50 Pa (0.5 mbar), 0...100 Pa (1 mbar), 0...200 Pa (2 mbar), 0...400 Pa (4 mbar), 0...500 Pa (5 mbar), 0...1000 Pa (10 mbar), 0...2000 Pa (20 mbar), 0...4000 Pa (40 mbar), 0...5000 Pa (50 mbar), 0...6000 Pa (60 mbar), 0...10000 Pa (100 mbar)
Measuring range selection: factory preset
Damping: adjustable in 3 steps
Ambient temperature: -10...+50 °C
Storage temperature: -25...+60 °C
Setpoint setting: 2 Setpoint pointer adjustable over the full scale range, per limit value 1 Output relay with potential-free change-over contact
Contact load: 250 Vac, 6A, induction-free load

PHYSICALLY:

Housing: Ultramid/ABS, black / grey
Dimensions: 122 x 120 x 85 mm (w x h x d)
Weight: approx. 900 g
Protection class: IP65 according EN 60529
Display: 3 1/2-digit digital LCD display, digit height 13 mm
Electrical connections: Screw terminals, cable entry: 2 x M16 x 1.5
Pressure connections: Hose connections 8 mm ø

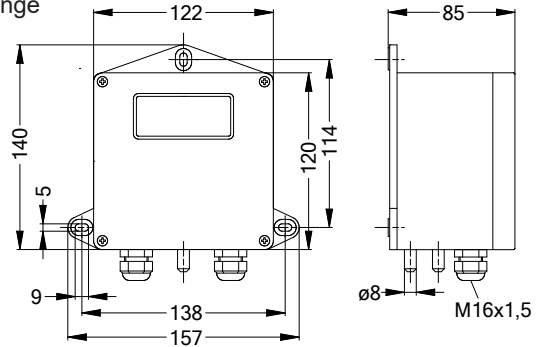
ELECTRONIC:

Power supply: 230 Vac, 24 Vac or 24 Vdc
Output: 0...10 V and 0...20 mA via DIP switch switchable to 4...20 mA

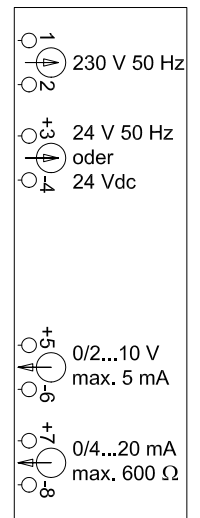
CONFORMITY:

EMC: EN 61000-6-2, EN 61000-6-3, CE-mark
RoHS: according RoHS-directive 2011/65/EU

Dimensions (mm)



Connection diagram



Item no.

Low pressure transmitter Peritact 2000 **2460**

Measurement range & signal output: **Customer-specific presetting required!**
Output: 0...10 V, 0/4...20 mA, supply voltage: 230 Vac, 24 Vac or 24 Vdc

2-wire transmitter Peritact 2000-2L **2470**

Measurement range: **Customer-specific presetting required!**
Output: 4...20 mA, supply voltage 13...30 Vdc

ACCESSORIES

Mounting set with screws, plastic-pressure taps, 2 m plastic hose (7 x 1.5 mm) **24602**

Assembly frame for panel mounting incl. all mounting hardware **24605**

Test certificate **24603**

SURCHARGE

Special measuring range e.g. -20...0...+80 Pa **24601**