

Digital Pressure Monitor

- » Display and monitoring of the differential pressure in gaseous media
- » Stepless adjustment of limiting value
- » Illuminated display with warning function



Content overview

General information	2
Wiring diagram	3

Detail



Digital pressure monitor

Application

- » Monitoring of differential pressure in gaseous media, e.g. air or inert gases.
- » Measuring range from 0 to 2000 Pa.

Materials

- » Rigid ABS plastic casing.

Construction

- » Type M536AB3:
230 V AC
- » Type M536AB4:
24 V AC / DC

Equipment

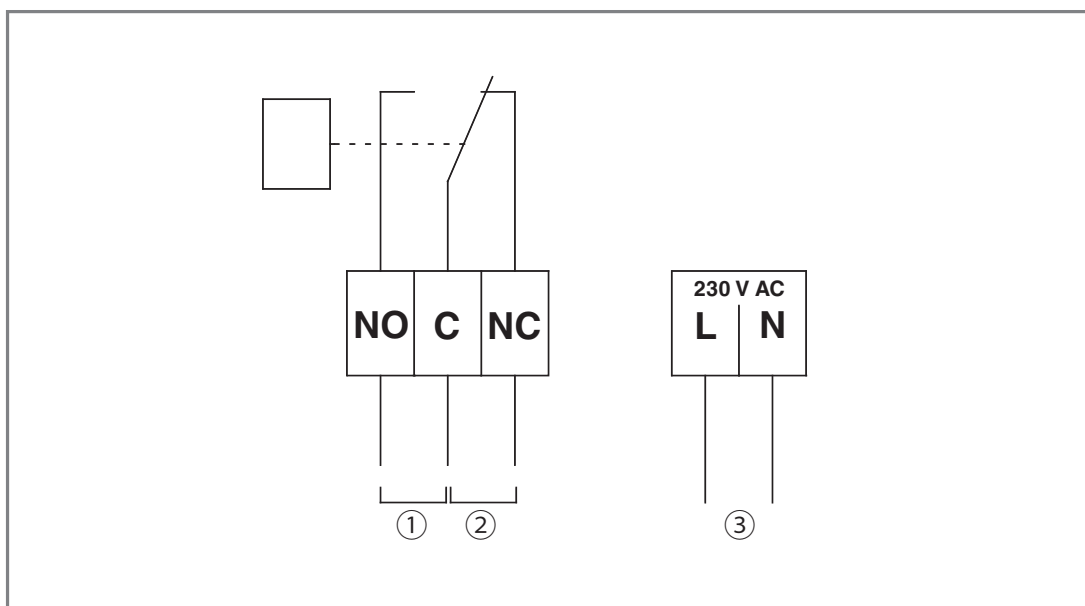
- » Illuminated display with warning function; a warning is issued when the pressure differential exceeds the set limiting value.
- » Push buttons to precisely set the limiting value.
- » Relay output with potential-free contact to connect an external display device.

Technical data

Parameters	Value
Measuring range	0 ... 2000 Pa
Measuring tolerance	< 5 % of the measuring range
Overload protection	Up to 16000 Pa
Medium	Air and inert gases
Supply voltage	230 V/50 Hz or 24 V AC/DC
Protection level	IP 40
Relay output	Relay with make/break contact 250 V / 2 A
Operating temperature	0 ... 50 °C
Display	LCD with 124 x 64 dots
Operation	4 push buttons, protected by a membrane
Casing	2-part casing from ABS plastic
Tube connection	6 mm
Casing dimensions (L x B x H)	115 x 86 x 45 mm
Order code for supply voltage 230 V, 50 Hz	M536AB3
Order code for supply voltage 24 V, AC / DC	M536AB4

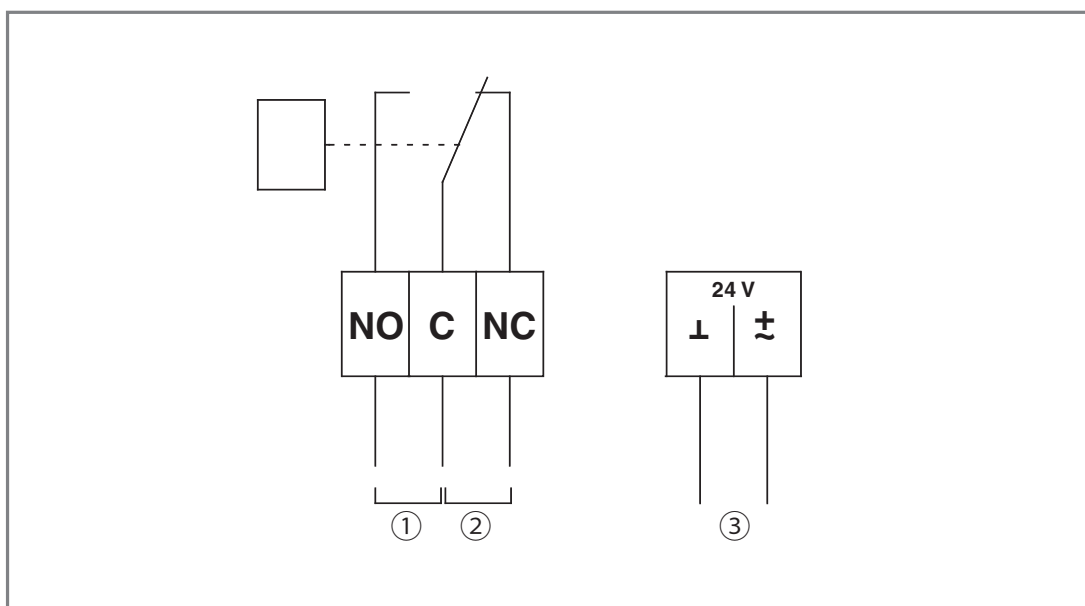
Table 1: Technical data for digital pressure monitor

Wiring diagram



- ① Normally open contact
- ② Normally closed contact
- ③ L / N – 230 V AC / 50 Hz

Detail drawing 1: Wiring diagram for type M536AB3



- ① Normally open contact
- ② Normally closed contact
- ③ 24 V AC / DC

Detail drawing 2: Wiring diagram for type M536AB4

TROX[®] TECHNİK
The art of handling air

Filters

Subject to change / All rights reserved © TROX GmbH 04/2011