

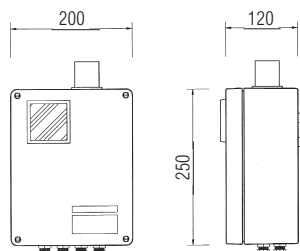


Control unit

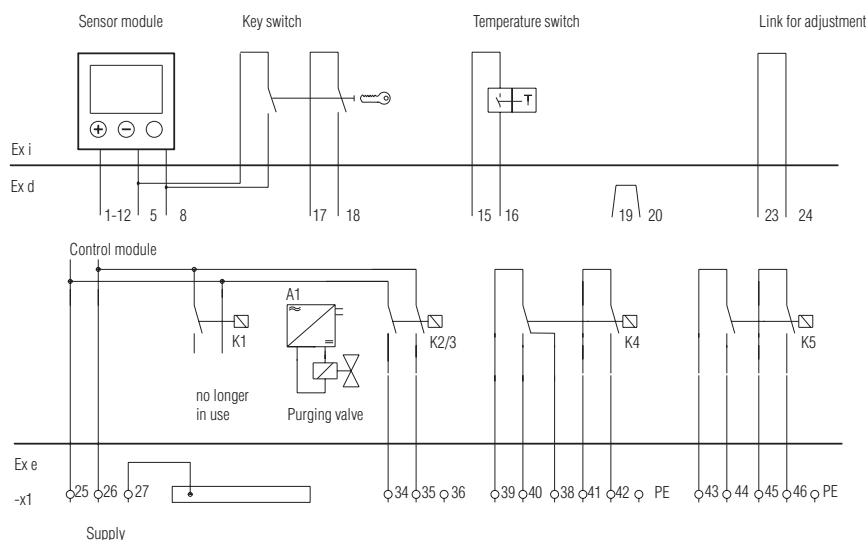
Features

- 4 voltage free contacts
- 3-line LCD display
- LED status display
- Modular design
- Fail-safe control

Dimensions/mounting positions



Wiring diagram/terminal assignment



Description

The control unit APEX 2003.00 controls and monitors the purging and operating cycle of standard enclosures.

Purging gas input is via a digital valve up to NW 7.7 (74 m³/h) or a proportional valve up to NW 2 (5 m³/h).

The purge time is set at the control module via a turn switch, the setting of the pushbutton values is via pushbutton or RS 485 interface.

The control unit provides 4 freely programmable relay outputs.

Explosion protection

Ex protection type

Ex II 2(1)G Ex e d ib [ia Ga px] IIC T4/T6
or
Ex e d [ia Ga px] IIC T6

Certification

DMT 99 ATEX E082
INMETRO 2004 EC02 CP042

Ambient temperature

-20 °C to +40 °C

Technical data

Guidelines/norms/certifications

Directive 2004/108/EC
Directive 94/9/EC

Construction

Ex e protective enclosure
with viewport lid

Enclosure material

glass-fibre reinforced polyester

Protection class

IP 65

Terminals

2.5 mm², fine stranded

Pressure sensors

MIN A = 0 to 25 mbar
MIN B = 0 to 25 mbar
MAX = 0 to 25 mbar
MAX 1 = 0 to 25 mbar
DIFF A = 0 to 25 mbar
DIFF B = 0 to 25 mbar

Purging time

0 to 99 min; 5 sec. dropout delay

Weight

4.3 kg

Electrical data

Supply voltage

AC 230 V (AC 115 V) ±10%

Power consumption

P_v = 15 W/230 V

Make contact

K 2/3, 5 A for cos φ = 1
K 4 and K 5, voltage free

Temperature switching value (optional)

0 °C to +80 °C

Selection chart 7 W version

Orifice	Code no.	Version	Code no.
12 mm	4	230 V	1
15 mm	5		
18 mm	6	115 V	2

➔ 07-3711-121 / 000
Complete order no.

Please enter code number.

Selection chart 15 W version

Orifice	Code no.	Version	Code no.
12 mm	4	230 V	1
15 mm	5		
18 mm	6	115 V	2

➔ 07-3711-121 / 082
Complete order no.

Please enter code number.