

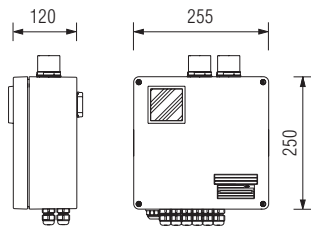


Control unit

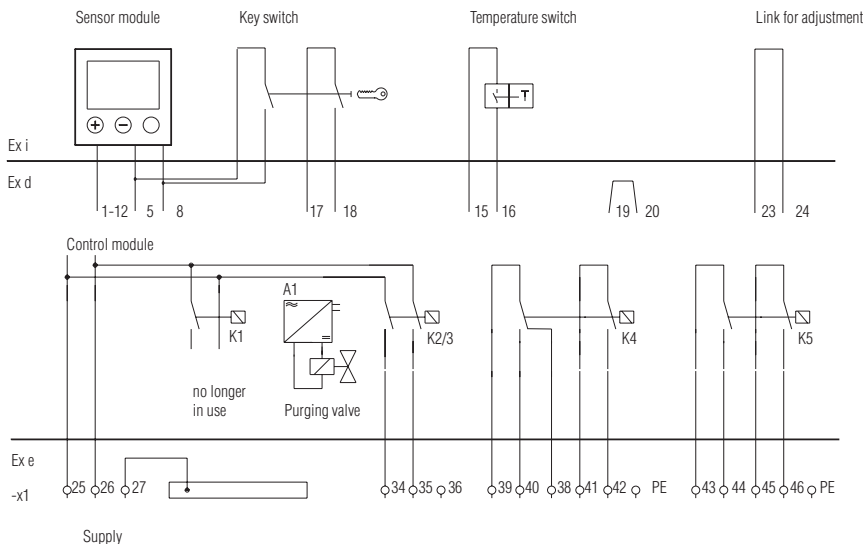
Features

- 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 2003.002x controls and monitors the purging and operating cycle of standard p enclosures.

Purging gas input is via a digital valve up to NW 7.7 (74 m³/h) or a proportional valve up to NW 6 (45 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.

These control unit reduce the flushing time by half against the standard unit.

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 E 082
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

7.5 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

Version	Code no.
230 V	1
115 V	2

07-3711-1216/ 017

Complete order no.

Please enter code number.

Selection chart 15 W version

Version	Code no.
230 V	1
115 V	2

07-3711-1216/ 107

Complete order no.

Please enter code number.