

Control unit

Features

- 4 voltage free contacts
- 3-line LCD display
- LED status display
- Modular design
- Fail-safe control
- Integrated valve switches for purging gas input and output
- 10 mm purging gas connection
- Connection possibility of seperate pressure sensors

Dimensions/mounting positions 400 7

Description

monitors the purging and operating cycle of analysers with "Containment Systems"

Additional function:

By means of additional pressure sensors, a proportional valve adjusts the interior enclosure pressure to a value which is higher than that of the measuring gas.

The purging gas flow rate during purging is 4100 NI/h at an interior enclosure pressure of 50 mbar.

4 freely programmable relay outputs are available for the separation of data lines.

The control unit APEX 2003.SI controls and

Explosion protection

Ex protection type

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

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-fiber reinforced, polyester

Protection class

IP 65

Terminals

2.5 mm², fine stranded

Pressure time

MIN A = 0 to 300 mbarMIN B = 0 to 300 mbarMAX = 0 to 300 mbarMAX 1 = 0 to 300 mbarDIFF A = 0 to 25 mbar DIFF B = 0 to 25 mbar

Purging time

0 bis 99 min; 5 sec. dropout delay

Weight

11 kg

Electrical data

Supply voltage

AC 230 (AC 115 V) ±10 %

Power consumption

 $P_{v} = 21 \text{ W}/230 \text{ V}$

Make contact

K 2/3, 5 A for $\cos \varphi = 1$ K 4 and K 5, voltage free

Temperature switching value (optional)

0 °C to +80 °C

Selection chart	
Version	Code no.
230 V	1
115 V	2



Please enter code number.

