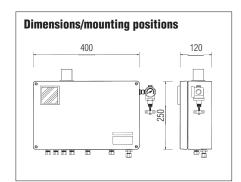
Control unit

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



Wiring diagram/terminal assignment

Key switch

Sensor module

Supply

Description

The control unit APEX 2003.MV controls and monitors the purging and operating cycle of analysers with "Containment Systems"

Additional function:

Due to the internal mounting of the purging circuit, the pressurised enclosure is constantly purged with a defined quantity of purging gas.

The purging gas flow rate during purging is 4100 NI/h max. The constant purging can be set from 0 to 6.0 I/min.

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

-20 °C to +40 °C

Guidelines/norms/certifications

Explosion protection

Ex protection type

DMT 99 ATEX E082 INMETRO 2004 EC02 CP042

Ambient temperature

Certification

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

Technical data

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 25 mbar MIN B = 0 to 25 mbarMAX = 0 to 25 mbarMAX 1 = 0 to 25 mbar

DIFF A = 0 to 25 mbarDIFF 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

 $P_v = 15 \text{ W}/230 \text{ V}$

Make contact

Link for adjustment

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

election chart

nperature switching value (optional)

0 °C to +80 °C

	EExi		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Temperat 0 °C to
	Ex d	1-12 5 8 17 18	15 16	23 24	Select
		Kontrollmodul			Version
		A1	\	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	230 V
000400			N4		115 V
200		no longer — — in use Purging valve			07
0010-05/1	Ex e -x1	¢25 ¢26 ¢27	039 040 038 041 042 0 PE	043 0 44 0 45 0 46 0 PE	• 07 Co

Temperature switch

07-3711-4213 / 001 Complete order no.

Code no.

1

2

Please enter code number.

