



- Four floating contacts
- Three-line LCD
- LED status indicator
- Modular design
- Safety-related control system

The APEX 2003.00 control unit controls and monitors the pre-purge and operating phase of pressurised enclosure housings. Digital or proportional purge gas valves can be used to input purge gas. The parameters are adjusted using rotary switches and keys. There is the option to transmit the parameters via an RS485 interface. The control unit features two programmable relays and one non-floating release contact.

**Explosion protection**

ATEX marking	Ⓔ II 2(1)G Ex db eb ib [ia Ga] [pxb] IIC T4 Gb
Certification	DMT 99 ATEX E 082
IECEX marking	Ex d e ib [ia Ga px] IIC T4 Gb
Certification	IIECEX BVS 13.0039
Other approvals and certificates, see www.bartec.com	
Ambient temperature	-20 °C to +40 °C

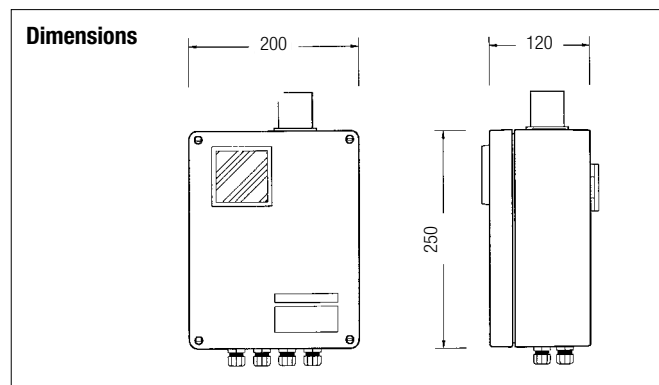
**Technical data**

Directives	Directive 2014/30/EU Directive 2014/34/EU
Structure	Ex e protective housing with viewing pane in the cover
Housing material	Fibreglass-reinforced polyester
IP rating	IP 65
Terminals	2.5 mm <sup>2</sup> , fine-wire
Pressure sensors	MIN. A/B = 0 to 25 mbar MAX. = 0 to 25 mbar DIFF. A/B = 0 to 25 mbar
Pre-purge time	0 to 99 min; 5 sec dropout delay
Weight	4.3 kg
Safety integrity level	SIL 2

**Electrical data**

Supply voltage	230 V AC (115 V AC) ±10 % 24 V DC ±10 %
Power consumption	P <sub>v</sub> = 15 W/230 V
Normally open contacts	K 2/3, 5 A when cos φ = 1 K 4 and K 5; floating
Temperature switch value (optional)	0 °C to +80 °C
Bypass key switch (optional)	

**Dimensions**



**Ordering information**

9 W version	Orifice plate	Code no.	Version	Code no.
	12 mm	4	230 V AC	1
	15 mm	5	115 V AC	2
	18 mm	6	24 V DC	4

Complete oder no. 07-3711-121□ / □ 000  
Please insert code number.

**Ordering information**

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

Complete oder no. 07-3711-121□ / □ 082  
Please insert code number.

Technical data subject to change without notice.