



- Four floating contacts
- Three-line LCD
- LED status indicator
- Modular design
- Safety-related control system
- Separate purge gas input and output
- Separate display

The APEX 2003.00I Ex p control unit controls and monitors the pre-purge and operating phase of pressurised enclosure equipment protected in accordance with ignition protection type px. Digital or proportional purge gas valves can be used as purge gas valves. The parameters are adjusted using rotary switches and keys. The control unit features two programmable relays and one non-floating release contact. The control unit is designed for internal installation in p-protected equipment, and the following components are required to set up a complete control system:

- Sensor module
- Pressure monitor
- Purge gas valve, proportional or digital, depending on the version
- Pressure reducer

**Explosion protection**

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

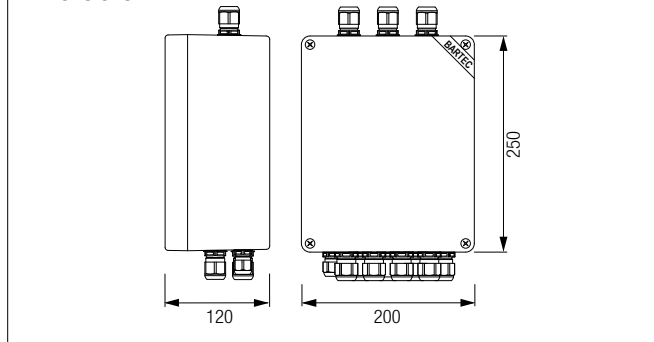
**Technical data**

Directives	Directive 2014/30/EU Directive 2014/34/EU
Structure	Ex e protective housing
Housing material	Fibreglass-reinforced polyester
IP rating	IP 65
Terminals	2.5 mm <sup>2</sup> , fine-wire
Pressure measurement range	0 to 25 mbar (standard)
Pre-purge time	0 to 99 min, 5 sec dropout delay
Weight	3.8 kg
Safety integrity level	SIL 2

**Electrical data**

Supply voltage	230 V AC (115 V AC), ±10 % or 24 V DC, ±10 %
Power consumption	Pv = 8 watts
Normally open contacts	K2/3, 5 A when cos φ = 1, K4 and K54, floating

**Dimensions**



**Ordering information**

		Code no.
9 W version	230 V AC	1
	115 V AC	2
	24 V DC	4

Complete order no. 07-3711-1200/  010  
Please insert code number.

**Ordering information**

		Code no.
15 W version	230 V	1
	115 V	2

Complete order no. 07-3711-1200/  099  
Please insert code number.  
Technical data subject to change without notice.