



- Four floating contacts
- Three-line LCD
- LED status indicator
- Safety-related control system
- Integrated multiport valves for purge gas inlet

The APEX 2003.SI control unit controls and monitors the pre-purge and operating phase of Ex p-protected analysis systems with integrated containment.

Additional function:

During the pre-purge phase, the maximum purge gas flow rate is 4100 NL/h. During the operating phase, continuous purging at a rate of 5 litres/minute is set via a bypass. The control unit features two freely programmable relays and one non-floating release contact.

Explosion protection

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

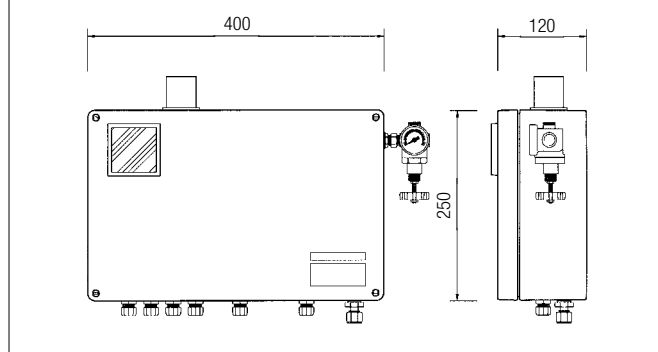
Technical data

Directives	Directive 2014/30/EU Directive 2014/34/EU
Structure	Ex e protective housing
Housing material	Fibreglass-reinforced polyester
IP rating	IP 65
Terminals	2.5 mm ² , fine-wire
Purge gas connection	10 mm dia.
Pressure measurement range	0 to 25 mbar (standard)
Pre-purge time	0 to 99 min; 5 sec dropout delay
Weight	11 kg
Safety integrity level	SIL 2

Electrical data

Supply voltage	230 V AC (115 V AC), ±10 % or 24 V DC, ±10 %
Power consumption	P _v = 15 W
Normally open contacts	K 2/3, 5 A when cos φ = 1 K 4 and K 5; floating

Dimensions



Ordering information

Version		Code no.
	230 V AC	1
	115 V AC	2

Complete order no. 07-3711-4213/ 001

Please insert code number.

Technical data subject to change without notice.