



## Blowback control RSS24, RSS230

The blowback control RSS 24 / RSS 230 allows scheduled or manual probe filter cleaning. It is designed as a controller for probes suitable for blowback but can also control other external solenoid valves. One special application is controlling ATEX solenoid valves, however the RSS must be set up in a secure area.

The blowback control RSS 24 / RSS 230 has all equipment and controls required for control inside an IP65 housing. The cleaning time as well as the measuring time between cleaning intervals can be set within large ranges. The time is set using the programmable controller inside the housing to prevent accidental adjustments.

The front panel holds switches for activating the controller and setting the operating mode (auto or manual). A button allows manual blowback whenever needed. A green light indicates when the unit is in auto mode and a red light indicates manual mode. Both lights are switched internally by the controller, hence simultaneously serving as operation display for the blowback control. The status signals can be output on the outside via the internal terminal strips.

The blowback control RSS 24 / RSS 230 is designed for wall-mounting. At the back of the housing are 4 M6 threaded bushings for mounting. The leads are run through the PG screw connection at the bottom of the housing.

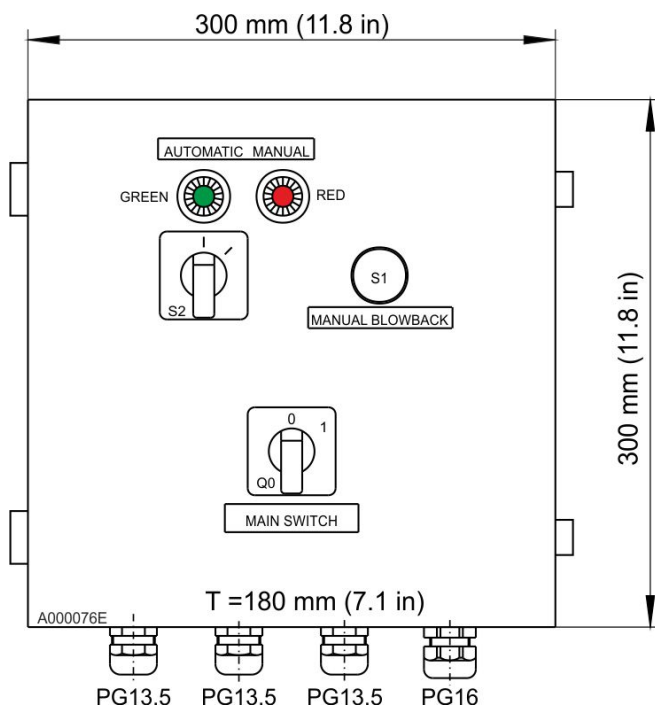
External solenoid valves must be equipped with contact protective circuit. On blowback controls complete with BÜHLER sample gas probe this protective circuit is already included in the supplied plug-in connectors for the solenoid valves.



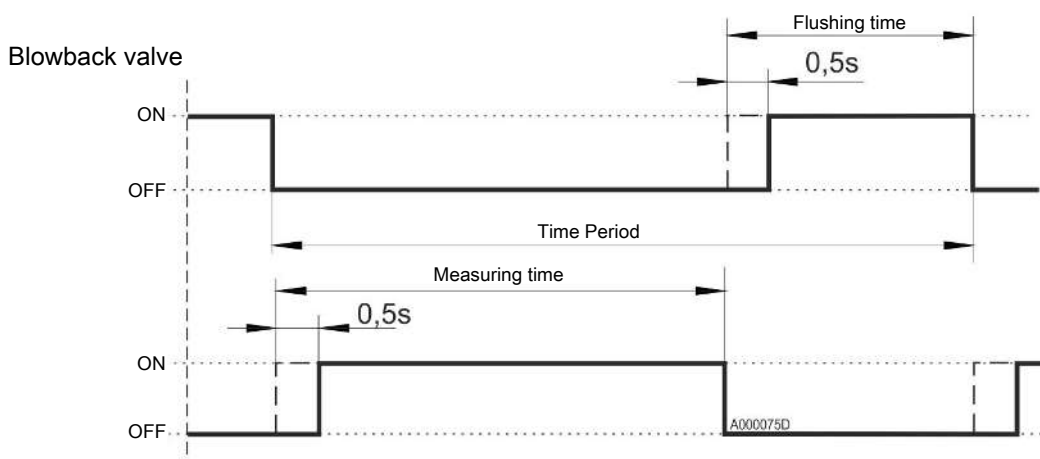
Technical Data

Type	RSS 24	RSS 230
Supply voltage:	24 VDC ± 10%	85 – 265 VAC 50/60 Hz
Protection:	5 A (delayed action)	1 A, delayed action
Relay switching capacity:	max. 10 A / 24 VDC / 75 W	max. 10 A / 230 VAC / 690 VA
Temperature range:	32 – 130 °F	32 – 130 °F
Blowback time	0 – 60 s	0 – 60 s
Test time	1 min – 99:59 h	1 min – 99:59 h
IP rating:	IP65	IP65
Weight:	approx. 6.6 lb	approx. 6.6 lb
Dimensions (H x W x D)	11.8 x 11.8 x 7.1	11.8 x 11.8 x 7.1

Dimensions



Time flowchart



Sample gas valve

Ordering Instructions

Item no.	Type
46 22 2199	Blowback control RSS 24, supply voltage 24 VDC
46 22 2299	Blowback control RRSS 230, supply voltage 115/230 VAC