Alarm / control unit FloPurge TS

Alarm and control unit FloPurge TS

Product features

- Automatic purge controller
- Alarm and control unit for max. 10 digital inputs (e.g. contact pressure gauge or pressure switch), 8 analogue inputs (e.g. pressure transmitters) and one additional input for emergency shut off
- The unit may be used for 1 purge system including 3 pneumatic valves and 1 more individually programmable pneumatic valve
- User adjustable vent timer, pressurisation timer and purge cycles
- User selectable ACV (pn. operated cylinder valve) option or Extra Downstream EMO option
- Touchscreen Operation: All operation from ergonomically positioned Human Machine Interface
- Industrial PLC controls all inputs and outputs as well as analogue signal processing
- 4 potential free outputs (one for each valve status)
- Communication options: Ethernet, Profibus, Modbus RTU and DeviceNet communications
- Solenoid valves can be manually operated by user
- Daylight visible LED indicators
- Acoustic signals can be silenced
- Digital inputs to be configured for NO or NC contacts
- Plastic housing IP 65 for wall mounting
- Password protection for 2 superior levels of access
- Multiple Language Support: supports up to four languages as standard
- According to EC Directive 2004/108/EC (immunity and emission standard, measurement, control and laboratory use)
- According to Low Voltage Directive 2006/95/EC

Technical data

Housing	
Protection class:	IP 65
Dimensions (WxHxD):	300 x 200 x 180 mm
Compatible inputs	
	- mechanical switches - 4-20 mA transducers
Digital inputs	
Power supply voltage	24 V DC
Max. power	15 mA (per channel)
Analogue inputs	
Max. voltage (open circuit)	24 V DC
Short circuit current	25 mA
Output / pneumatic valves	
Max. pressure	7 bar
Compatibility	inert gases
Power supply voltage	100-240 V / 50-60 Hz
Max. load:	2 A
Internal signals	- LEDs Ø 17 mm - buzzer (105 dB @ 1m)
NAMUR-Specification	
Voltage:	5 V DC - 25 V DC
Power input inactive:	I_L < 1 mA
Power input activated:	3 mA < I_L < 15 mA

Applications in explosive environment:

see remarks overleaf

Data sheet DES FloSwitch+Purge TS - Edition 0111

Spectron Gas Control Systems GmbH
Fritz-Klatte-Str. 8, D-65933 Frankfurt
Tel.: +49 (0)69 38016-0, Fax: +49 (0)69 38016-200
info@spectron.de www.spectron.de