

Alarm / control unit FloStop TS

spectro **sys**



Alarm and control unit FloStop TS

Product features

- Semi-automatic control unit for max. 7 digital inputs (e.g. contact pressure gauge or pressure switch); optional 8 analogue inputs (e.g. pressure transmitters or weighing scales) according to the model
- Capable of supporting 1 pneumatic valve or 1 electrical relay (potential free output)
- The unit has a shutdown or warning option on all alarms
- Touchscreen Operation: All operation from ergonomically positioned Human Machine Interface
- Industrial PLC controls all inputs and outputs as well as analogue signal processing
- Communication options: RS-232 only (further details on request)
- Solenoid valve or potential free relay 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:	$I_L < 1 \text{ mA}$
Power input activated:	$3 \text{ mA} < I_L < 15 \text{ mA}$

Model	Description
Floalarm TS D7	7 user digital inputs with configurable input warning labels
Floalarm TS A8	7 user digital inputs and 8 user analogue inputs with configurable input warning labels
Flostop TS D7P	7 user digital inputs with configurable input warning labels. User configurable actions for warning or shutdown of single pneumatic output
Flostop TS D7E	7 user digital inputs with configurable input warning labels. User configurable actions for warning or shutdown of single electrical relay output
Flostop TS A8P	7 user digital inputs with configurable input warning labels. 8 user configurable analogue inputs. User configurable actions for warning or shutdown of single pneumatic output
Flostop TS A8E	7 user digital inputs with configurable input warning labels. 8 user configurable analogue inputs. User configurable actions for warning or shutdown of single electrical relay output