



Alarm and control unit FS2 V2.00

Product features

- Alarm and control unit for max. 6 digital inputs (e.g. contact pressure gauge or pressure switch), 4 analogue inputs (e.g. pressure transmitters or weighing scales) and one additional input for an external emergency shut off
- The unit may be configured for 1 change-over-system or 2 individually programmable pneumatic valves.
- Touchscreen operation: all operation from ergonomically positioned Human Machine Interface
- Industrial PLC controls all inputs and outputs as well as analogue signal processing
- Monitoring and display of the gas content by pressure or weight
- Communication options:
Ethernet and Modbus TCP
- Solenoid valves can be manually operated
- Daylight visible LED indicators
- Acoustic signals can be silenced
- Digital inputs to be configured for NO or NC contacts
- All parameters and signal configurations can be programmed with the touch panel at the front of the unit
- Plastic housing IP 65 for wall mounting
- Emergency shut off
- Password protection for 3 superior levels of access
- Multiple Language Support: German / English

Technical data

Housing

| | |
|-------------------|--------------------|
| Protection class: | IP65 |
| Dimensions: | 450 x 340 x 225 mm |

Compatible Inputs

- mechanical switches
- electr. switch PNP/NPN (DC only)
- analogue sensors (4-20 mA)

Pneumatic output

| | |
|---------------------|----------------|
| Actuator pressure: | max. 7 bar |
| Actuator connector: | for hose Ø 4mm |

| | |
|------------------------------|-------------------------|
| Power supply voltage: | 110-240 V AC / 50-60 Hz |
| max. current: | 1,5 A |

Communication

- RJ45 TCP/IP
- Modbus TCP

Applications in explosive environment

The control unit FS2 must be mounted *outside of explosive environment*. Inductive sensors, which are installed inside hazardous areas, have to be activated by an ATEX-approved switch amplifier. This amplifier also has to be mounted *outside of explosive environment*. The output contact of the switch amplifier can easily be connected to the control unit.