

# Alarm unit FloAlarm A6

spectrosys 



10-channel alarm unit FloAlarm A6

## **Product features**

- 10 channel alarm unit with Modbus connection for monitoring gas pressure
- For connection of
  - 6 analogue input signals such as weight scale or pressure transmitter and
  - 4 digital input signals such as contact pressure gauges or pressure switches
- Indication of pressure values with alarm function
- TFT 4,3" colour touch screen display
- Suitable for transducers according to NAMUR-specification (e.g. inductive sensors)
- All channels are individually programmable as normally closed or normally open contact
- Delay mode (1 sec.) is integrated for all channels
- Potential-free output as normally closed or normally open
- Modbus TCP/IP over RJ45 interface integrated e.g. useful for a connection to a BMS
- Two RS485 interfaces integrated
- Visible alarm (LEDs integrated in keypad)
- Acoustic alarm (integrated piezo buzzer)
- In case of disconnection (cut wires) or malfunction of the inputs (default), an acoustic alarm will occur
- Plastic housing for wall mounting
- Device in compliance with 93/42/EEC

## **Technical data**

### **Housing**

Protection class:	IP66
Dimensions:	200 x 120 x 60 mm

### **Compatible inputs:**

- analogue signals (4-20 mA)
- mechanical switches
- electr. switches PNP/NPN (DC only)
- inductive switches type NAMUR

### **Potential free output**

max. switchable voltage:	24 V AC
max. switchable load:	1 A
configurable as:	NO / NC

<b>Power supply voltage:</b>	100-240 V AC / 50-60 Hz
	24V AC
max. power input:	5 W
Fuse:	230 V / 0,1 A and 110 V / 0,25 A

### **NAMUR-specification**

Voltage:	5 V DC - 25 V DC
Power input inactive:	$I_L < 1 \text{ mA}$
Power input activated:	$3 \text{ mA} < I_L < 15 \text{ mA}$

### **Communication parameters**

Baud rate:	9600
Polarity:	2 bit stop 8N
Function code:	0x03 Read Holding