

Alarm units FloAlarm K4 / K8

spectro sys



4-channel alarm unit FloAlarm K4



8-channel alarm unit FloAlarm K8

Product features

- Alarm unit as 4- or 8-channel-version
- For connection of 4 or 8 digital input signals such as contact pressure gauges or pressure switches
- 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 (2 sec.) is integrated for all channels
- Potential-free output as normally closed or normally open
- Visible alarm (diodes integrated in keypad)
- Acoustic alarm (integrated piezo-buzzer)
- Plastic housing for wall and panel mounting

Technical data

Housing:

Protection class:	IP 65
Dimensions (WxHxD):	K4: 200 x 120 x 57 mm K8: 200 x 120 x 77 mm

Compatibility inputs:

- mechanical switches
- electr. switches PNP/NPN (DC only)
- inductive switches type NAMUR

Potential free output:

max. switchable voltage:	220 V AC
max. switchable load:	1 A
configurable as:	NO / NC

Power supply voltage:	220 V / 50-60 Hz
max. power input:	8 VA

NAMUR-specification:

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

Applications in explosive environment:

The units FloAlarm K4 and K8 must be mounted *outside of explosive environment*. Transducers, 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 the explosive environment*. The output contact of the switch amplifier can easily be connected to the FloAlarm units.

Article numbers:

• FloAlarm K4:	770.51260
• FloAlarm K8:	770.51261

Accessories:

• 2-channel-switch amplifier:	770.51465
• Wall mounting box for switch amplifier:	770.51466