

# Event reporting system EMS 220



## Benefits

- For domestic technology and building technology
- 2 analogue and 2 digital inputs
- Event reporting directly to the mobile phone
- Data recording, visualisation and management with AFRISO Net web service

## Application

Suitable for a large range of domestic and industrial remote monitoring applications. Up to two analogue measured values and two digital limit values can be monitored with a single unit. In connection with the AFRISO Net web service, data can also be visualised, logged and managed.

**Typical application areas:**

- Monitoring and management of fuel oil tanks
- Monitoring of heating and service rooms
- Monitoring of ducts, drip pans or pipes
- Signal forwarding of danger and status messages
- EMS 220 can e.g. be combined with the following AFRISO signal transducers:
  - Level indicators
  - Level switches
  - Leak detectors
  - Gas and smoke alarms

## Versions

	Part no.
Event reporting system EMS 220	90220
Setup of file on AFRISO Net server	90013
Monthly base fee per SIM card	90014

Blue part no. = in-stock items

## Description

EMS 220 has 2 analogue and 2 digital inputs. EMS 220 sends alarm signals or results of continuous measurements to the mobile phone of the user or to the AFRISO Net server for documentation and further distribution. From the server, messages can be sent via Internet, text message or e-mail. The owner/operator can request information on the system status or change parameters via mobile phone at any time. Measuring intervals, limit values and data transmission intervals can be adjusted as required.



## Technical specifications

### Operating temperature range

Ambient: -20/+50 °C

### Supply voltage

AC 230 V

### Sensor supply

DC 24 V, max. 25 mA

### Alarm inputs

2 analogue inputs 4–20 mA, active or passive

2 digital inputs, for voltage-free assignment

### Data transmission

GSM short message system (SMS) with integrated 2G/3G modem

900/1,800/2,100 MHz

### Measuring intervals/data transmission intervals

Adjustable as required

### Parameterisation/configuration

Via mobile phone

### Housing

Wall mounting housing

made of impact-resistant plastic

(ABS)

W x H x D: 100 x 188 x 65 mm

### Degree of protection

IP 40 (EN 60529)

### Electrical connection

Cable gland

### CE conformity

EMC Directive 2014/30/EU

RED Directive 2014/53/EU