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 yyyyyyyyyy	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