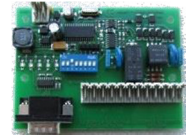


General:

A message is composed entirely of ASCII characters.

A message always starts with '#' followed by a 3-digit code. This code indicates the content of the remainder of the message. The end of the message is indicated by carriage return (0D hex).



Possible fields:

<date>	The date, in the form dd-mm-yyyy. Numbers start with 0 so that they always have the same length. Example 04-03-2002
<time>	Time, in the form uu:mm:ss Numbers start with 0 so that they always have the same length. Example 05:02:23
<cnr>	Number Control panel. 3 numbers, starting with 0.
<lnr>	Number loop. 3 numbers, starting with 0.
<znr>	Number zone. 4 numbers, starting with 0.
<gnr>	Number evacuation area. 4 numbers, starting with 0.
<enr>	Number encoder. 3 numbers, starting with 0.
<onr>	Number output. 4 numbers, starting with 0.
<sensor>	Indicates what type of sensor has provided the report. The field is three characters long. Possible values:

'ISD' Ionic
 'OD' Optical
 'TVC' Thermovelocimetric
 'T' Thermostatic
 'MS' Multi sensor
 'PRO' Propane
 'WD' Manual callpoint
 'CNV' Conventional
 'IOT' IOT detector
 'INP' Input

<text>	Encoder text. (Always 40 characters long!)
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Messages sent by the control panel

Reset

#RES,D<date>,T<time>

Day mode, delayed reporting (is repeated after each reset).

#DAG,D<date>,T<time>

Night mode, direct reporting (is repeated after each reset).

#NAC,D<date>,T<time>

Evacuation

#ONT,D<date>,T<time>,G<gnr>,B<text>

Buzzer stop

#ZST,D<date>,T<time>

Siren stop

#SST,D<date>,T<time>

Earthing fault

#AST,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Battery fault

#BST,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Fault

#STO,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Fire alarm

#BAL,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,S<sensor>,B<text> Pre

alarm

#PAL,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,S<sensor>,B<text>

Short circuit encoder

#KOE,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

No answer encoder

#GAE,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Detector unscrewed

#DUG,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Wrong type encoder

#FTE,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Mains fault

#NST,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Maintenance warning

#OND,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Encoder put out of use (also dispatched after a reset for each encoder which is out of use).

#UBE,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Encoder put into use

#IBE,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Encoder put into maintenance mode (also dispatched after a reset for each encoder which is in maintenance mode).

#PRB,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Encoder put out of maintenance

#PRE,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Communication test (answer to communication test command)

#TST

Output on (relay)

#OUA,D<date>,T<time>,C<cnr>,O<onr>,B<text> Output

off (relay)

#OUU,D<date>,T<time>,C<cnr>,O<onr>,B<text>

Tamper switch open

#TSO,D<date>,T<time>,C<cnr>,L<lnr>,Z<znr>,E<enr>,B<text>

Wrong command received

#ERR,< the receiving line without '#' which contains the error >

Commands to the control panel

Reset (control panel responds with 'Reset' message)

#RES

Siren stop (control panel responds with 'Siren-stop' message)

#SST

Evacuation (control panel responds with 'evacuation' message)

#ONT,G<gnr>

Adjusting clock

#KLK,D<date>,T<time>

Communication test (control panel responds with communication test)

#TST

Put encoder into use (control panel responds with 'Encoder in use' message)

#IBL,C<cnr>,L<lnr>,E<enr>

of

#IBZ,Z<znr>,E<enr>

Put encoder out of use (control panel responds with 'Encoder out of use' message)

#UBL,C<cnr>,L<lnr>,E<enr>

or

#UBZ,Z<znr>,E<enr>

Request all data (Control panel will broadcast all reports beginning from the last reset)

Also displays the status of all outputs (relays) which are active at this time.

#RAD