

ZPA INMAT 64/65

ZPA INMAT 64/65 communication protocol

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Supported device types and versions

This protocol supports data reading from the INMAT 64 and INMAT 65 dataloggers produced by ZPA Nová Paka (Czech republic).

Communication line configuration

- Communication line category: [Serial](#), [SerialOverUDP Device Redundant](#), [RFC2217 Client](#).
- Parameters of the asynchronous line: 300 Baud, 8 data bits, no parity, 2 stop bits.

Note:

A device sends data spontaneously (without the request for data). A delay between the transmitted data blocks is 5 seconds.

Communication station configuration

- Communication protocol: **ZPA INMAT 64/65**.
- The station address is not used. On one serial line, only one INMAT 64 or 65 can be connected.

Station protocol parameters

They are not used.

I/O tag configuration

I/O tags: **Ai**

The address can be entered as a decimal number or a hexadecimal number with a hash at the beginning (e.g. #A).

The value meaning:

Address	Cycle	Meaning	Units
0	1	Heat output	GJ/hour
1	1	1/4 hourly maximum	GJ
2	1	Heat output sum	GJ
3	1	Instantaneous mass flow rate	t/hour
4	1	Mass flow rate sum	t
5	1	Temperature	°C
6	1	Temperature difference [°C] - INMAT 64 or Operating pressure [MPa] - INMAT 65	-
7	2	Heat output	GJ/hour
8	2	1/4 hourly maximum	GJ
9	2	Heat output sum	GJ
10	2	Instantaneous mass flow rate	t/hour
11	2	Mass flow rate sum	t
12	2	Temperature	°C
13	2	Temperature difference [°C] - INMAT 64 or Operating pressure [MPa] - INMAT 65	-

Literature

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Changes and modifications

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Document revisions

- Ver. 1.0 – February 23, 2001 – Creation of document



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