

AMiT ARION

AMiT ARION Communication Protocol

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Supported device types and versions

The protocol carries out communication with the remote I/O tag modules of the AMiT company. Communication was tested with the AMiT DINAI24 module.

Communication line configuration

- Communication line category: **Serial**.

Communication station configuration

- Communication protocol "**AMiT ARION**".
- Station address: 0-255.

Communication station parameters

[Station configuration](#) - „Protocol Parameters" field.

They influence some optional protocol parameters. You can define the following communication station parameters:

Table 1

Key word	Full name	Description	Unit	Default value
WFT	Wait First Timeout	First waiting for response after sending the poll.	ms	100 ms.
WT	Wait Timeout	Delay between reading the respond and its completion.	ms	100 ms.
MWR	Max Wait Retry	Number of repeats of response reading until its completion.	-	5

String with protocol parameters is written according to the following rule:

```
Key_word=value;Key_word=value; ...
```

Example:

```
WT=100;MWR=20;
```

If a key word with valid value has not been found in the initial string, default value is used according to Table 1.

I/O tag configuration

Possible I/O tag types: **Ai**.

I/O tag addresses: 0-255.

Changes and modifications

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Document revisions

Ver. 1.0 - October 29the 2002 - document created



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