

# 17.3 Elgama

## Overview

Elgama protocol is used for communications with *Elgama elektronika* electricity meters.

## Configuration

Available meter types (use number only):

- 0 EPQM/LZQM
- 1 EPQS
- 2 GAMA300
- 3 GAMA100
- 4 ITS cl

Elgama parameters for *Device* tab

| Parameter          | Type    | Description   | Required | Default value<br>(when not specified) | Range  |       |
|--------------------|---------|---|----------|---------------------------------------|--|-------|
|                    |         |   |          |                                       | Min  | Max   |
| name               | string  | User-friendly device name                               | Yes      |                                       |  |       |
| description        | string  | Description of a device                                 | No       |                                       |  |       |
| device_alias       | string  | Alphanumeric string to identify a device                | Yes      |                                       |  |       |
| enable             | boolean | Enabling/disabling of a device                          | No       | 1                                     | 0  | 1     |
| protocol           | string  | Protocol to be used.                                    | Yes      |                                       | Elgama   |       |
| device             | string  | Communication port                                      | Yes      |                                       | PORT1  | PORT2 |
| baudrate           | integer | Communication speed (bauds/s)                           | No       | 9600                                  | 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600,115200 |       |
| serial_close_delay | integer | Delay before closing serial port in milliseconds        | No       | 400                                   |  |       |
| timeout_ms         | integer | Timeout of waiting for incoming request in milliseconds | Yes      |                                       |  |       |
| id                 | integer | Meter serial number                                     | Yes      |                                       |  |       |
| meter_model        | integer | Meter type  | Yes      |                                       | 0  | 4     |
| use_time           | boolean | Use system/meter (0/1) time (Default: 0)                | No       | 0                                     | 0  | 1     |

Elgama parameters for the *Signals* tab

| Parameter | Type | Description | Required | Default value<br>(when not specified) | Range |
|-----------|------|-------------|----------|---------------------------------------|-------|
|           |      |             |          |                                       |       |

|              |         |  |     |   | Min | Max |
|--------------|---------|--|-----|---|-----|-----|
| signal_name  | string  | User-friendly signal name                                  | Yes |   |     |     |
| device_alias | string  | Device alias from a Devices tab                            | Yes |   |     |     |
| signal_alias | string  | Unique alphanumeric name of the signal to be used          | Yes |   |     |     |
| enable       | boolean | Enabling/disabling of an individual signal                 | No  | 1 | 0   | 1   |
| log          | integer | Enable logging in event log                                | No  | 0 |     |     |
| number_type  | string  | Type of number (FLOAT, DOUBLE, DIGITAL, etc.)              | Yes |   |     |     |
| job_todo     | string  | Elgama protocol specific data set values (see files below) | Yes |   |     |     |
| tag_job_todo | string  | Tag sub job  | Yes |   |     |     |

# Files

1. Example configuration file for Elgama protocol data mapping[download](#)