

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 (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 requests 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 (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 the 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