Elsner P04/3-RS485 Weather Station

S I N E V O

Elsner P04/3-RS485 Weather Station

OVERVIEW

This driver is used to display the values of a Elsner P04/3-RS485 weather station. Also it generates variables to program of, for automations. Compatible models are basic, GPS and CET. You can connect the weather station with a RS485 adapter to the RS232 port on a Control4 controller.

Configuring the driver

First, select your Model of the weather station and make the RS232 binding. As soon the weather station sends the values, you will see them on the properties page or in the app.

Quick Start

1. Make sure the DriverCentral cloud driver is in your project
2. Add this driver
3. Select your weather station model on the properties page
4. Make the RS232 binding

Properties

Driver Version
Shows the version of the driver.

Debug Mode
Set debug mode to Off, Print or Log.

- Print: print debug information in the lua tab.
- Log: print debug information in the driver log.

Cloud Status
Shows the connection state to the DriverCentral cloud.

Automatic Updates
Enable or disable automatic driver updates.

Model
Select the model of your weather station (basic, GPS, CET).

Windspeed Unit
The Unit in which the wind speed gets displayed in the message on the front of the thermostat proxy.

Weather Values
Here you can see all the values, which the weather station provides.

Variables

TEMPERATURE_C (Float Variable)
Actual Temperature in °C

DAYLIGHT (Number Variable)
Actual daylight in lux

SUN_WEST (Number Variable)
Actual sunlight from west in klux

SUN_SOUTH (Number Variable)
Actual sunlight from west in klux

SUN_EAST (Number Variable)
Actual sunlight from west in klux

WIND_SPEED (Float Variable)
Actual wind speed in m/s

WIND_SPEED_KMH (Float Variable)
Actual wind speed in km/h

RAIN (Bool Variable)
Rain, True/False

Twilight (Bool Variable)
Twilight, True/False

WEEKDAY (String Variable) - only GPS/CET
Actual weekday

DATE (String Variable) - only GPS/CET
Actual date

TIME (String Variable) - only GPS/CET
Actual time

DAYLIGHTSAVING (Bool Variable) - only CET
Daylight saving, True/False

GPS (Bool Variable) - only GPS
GPS notification/connection, True/False

AZIMUTH (String Variable) - only GPS
Actual azimuth in °

ELEVATION (String Variable) - only GPS
Actual elevation in °

LONGITUDE (String Variable) - only GPS
Actual longitude in °

LATITUDE (String Variable) - only GPS
Actual latitude in °

Change Log

- **20230503**
  - Added km/h as unit for wind speed.
- **20230307**
  - Initial release of this driver

Support

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