



Fludia
Smart Energy Components

BelSenso FM332Log Datalogger



Product range

BelSenso



BelSenso FM332Log

Electricity Datalogger



BelSenso FM332Log is a datalogger recording electricity consumption at the main electricity meter level. It can be installed in all types of buildings.

With this professional tool a consumption profile can be easily established and energy savings can be quickly identified.

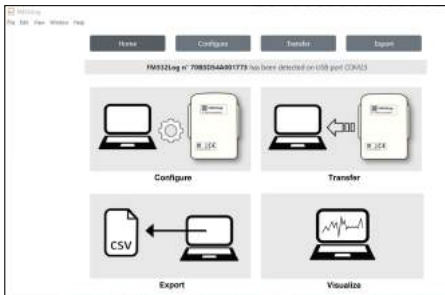
Simplicity of installation and data transfer makes it the perfect solution for energy audits.

Benefits

- ⇒ **Universal:** compliant with all electricity meters (electronic meters with flashing LED and electromechanical meters with rotating disk)
- ⇒ **Plug & Play:** non-intrusive installation in less than 3 minutes (optical reading of the meter, no electrical contact)
- ⇒ **Precise:** power curve in Watt, every minute



Operational



FM332Log_App software is used to transfer data from the FM332Log to a PC via a specific USB cable (FTDI cable supplied).

The software is provided as an executable file for PC installation (Windows, Linux and MacOS versions available). The source code is also available free of charge on request.

The recordings can be exported in .csv format.

Use cases

- ⇒ Precise load curve measurement
- ⇒ Electricity consumption analysis
- ⇒ Power peak detections



Technical features

BelSenso FM332Log			
Input	<table><tr><td>Optical reading of electromechanical meters Black/red mark detection on the rotating disk Maximum speed: 5 rotations / second</td><td>Optical reading of electronic meters Blinking LED detection Maximum speed: 10 flashes / second</td></tr></table>	Optical reading of electromechanical meters Black/red mark detection on the rotating disk Maximum speed: 5 rotations / second	Optical reading of electronic meters Blinking LED detection Maximum speed: 10 flashes / second
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Output	Micro-USB connector for connection to a PC's USB port via FTDI cable (supplied)		
Operational	Fixation with adhesive pads (3M) Meter type selection switch Red and Green LEDs for commissioning T° -15°C to +45°C		
Data	1mn load curve measurement (capacity 75 days) Data transfer to the PC in binary format Export in .csv format: [datetime; Power (W)]		
Power supply	Lithium batteries 3.6V - Autonomy 4 years Easily accessible and replaceable		
Size & Weight	Optical reader: 46 x 29 x 17mm / 18g Battery box: 94 x 74 x 30mm / 127g		

FM332Log

Designed
and made
in France



Reference

FM332Log_1mn

Datalogger_1mn data

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