

BelSenso FMG300

Datalogger for gas meter



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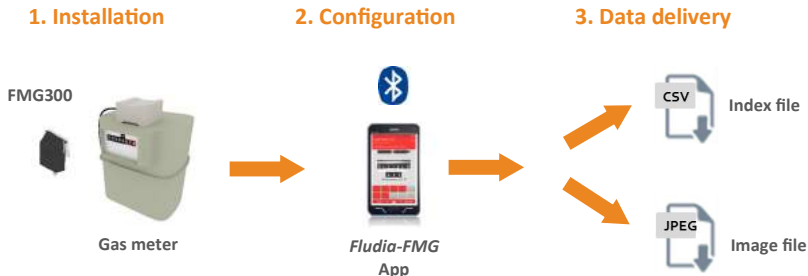
BelSenso FMG300 is a datalogger recording the gas consumption of all building types during a few weeks or a few months. Perfectly adapted to conventional meters, it integrates an OCR technology scanning the mechanical display and transforming characters into digits. This professional device allows to diagnose and quickly identify potential savings.

Benefits

- ⇒ **Plug & Play:** installation < 15mn
- ⇒ **Certification:** under ATEX directive
- ⇒ **Self-powered:** 12 months (battery can be replaced)
- ⇒ **Easy configuration:** via android application / bluetooth connection
- ⇒ **Data delivery:** under 10mn index format or 1 hour/4 hours image



Operational



Implementations

- ⇒ Monitoring of the general gas consumption of buildings
- ⇒ Overconsumption detection
- ⇒ Powerpeaks detection
- ⇒ Majors usages identification



General and technical features

	BelSenso FMG300
Input	All types of gas meters equipped with rotating mechanical display
Output	Bluetooth connection to android devices (smartphone , tablet)
Operational	Optical reading with 10mn index photography Embedded algorithm for character recognition Position of the viewfinder by adhesive pads (3M) Switch mechanism allowing full view of the index consumption Configuration through “Fludia-FMG” android application T° - 20°C + 60°C
Data	Data delivery in .csv format (index) or .jpeg (image) Data storage: 700 pictures
Power supply	Battery pack 3,6V, cable 1,5m
Certification	ATEX: AtexII (2) G [Ex iB Gb] IIA 2016
Size & Weight	Optical reader: 75 x 68 x 27 mm / 42 gr Battery pack: 115 x 89 x 60 mm / 320 gr

FMG300



References

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Datalogger for gas meter (*)

(*) The battery pack includes 1 lithium size D battery
Battery life of 1 year depending upon application

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