



LP025V4-4 Logger with Built-in pressure sensor 0-25 Bar



Compact and self-contained, this logger enables a rapid pressure measurement without the risk of interfering with the use of the drinking water system.

- Quick and easy installation
- Autonomous in energy and communication
- Internal pressure sensor 0-25 bar
- Quick coupling adaptor to connect fire hose cap, or water pipe
- 2 digital inputs contact or counter 100 Hz
- 1 RS485 Modbus interface (either input or output)
- 1 open collector output
- Configuration by radio on-site
- Communication option 2G/4G (LTE-M / NB-IoT)
- Excel report

Principle of installation

- Remove of the fire hydrant cap
- Connect the pressure sensor and cap via the flexible (Connection can be done under pressurized network)
- Screw and inset tool in the connection
- Open the valve a little until no air remain in flexible. Fully open the valve if there is no leak
- Configure the logger and monitor remotely by radio
- Recording with variable acquisition periods on calendar



**fire hose cap with
quick coupling adaptor**



**Coupling
flexible**



**Web services
ijitrack.com**

LP025V4-4-8X – Absolute pressure logger with quick coupling adaptor for water network pressure control

Enregistreur LP025V4-4

Pressure sensor	Integrated
Datalogger	500 000 Measures
Inputs	2 digital input or counter 100Hz, 1 Modbus RS 485 interface
Output	1 open collector output, Modbus (if not already used as input)
Radio antenna	Internal or external
Cellular antenna	External
Connector	Quick coupling on hose
Housing	ABS 20%FV
Sealing	IP68 (tested at 1bar/30days)
Energy	Bat : 3,6V 40Ah
Configuration	Software AVELOUR by radio
Certification Atex Zone II	 II 3G Ex ic ec IIB T4 Gc Tamb : -20°C...60°C
Certification	

Part numbers

LP025V4-4-8X	Battery powered logger Data download by radio on-site
With integrated optional communication cards	
LP025V4-4-82-LTE	Datalogger with radio + 2G / 4G (LTE-M / NB-IOT)
Accessories	
F0A00081	Flexible with 2x quick coupling adaptors
BCH65	Fire hose cap DN65
BCH100	Fire hose cap DN100

Internal pressure sensor

Logger pressure type	Absolute
Measuring range	0-25 bar
Test pressure	50 bar
Burst pressure	200 bar
Accuracy	≤ 0.5 % of full scale
Operating temperature	-30°C to + 85°C
Storage temperature	-30°C to + 100°C
Media	All liquid class 2
Non-linearity	0.2 % of full scale
Non-transferability	0.1 % of full scale

Dimensions LP025V4-4-8X

Dimensions	Ø 74 x 208 mm
Weight	346 g

