



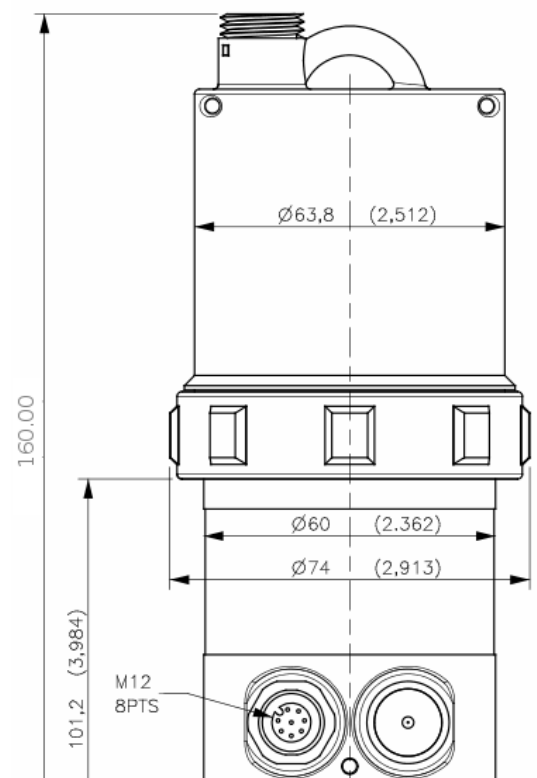


Wireless Data Loggers LOG04V4 – Modbus - Digital



- Battery powered data loggers, multi-applications
- Wireless setting on-site by radio (Wiji protocol)
- Access point radio / Modbus / cellular
- Communication : Radio + 1x communication card in option:
2G/3G or 2G / LTE-M / NB-IoT
- Memory : 500 000 mesures
- IP68 Enclosure (1 bar / 30 days)
- 1x power supply input 5V...30V
- 1x Modbus input or output
- 2x digital inputs : Contact or counter 100 Hz
- 1x power supply output 5V...18V (for external sensor)
- 1x open drain output

Features	LOG04V4-82-3G-LOG04V4-82-LTE (868 MHz) LOG04V4-92-3G-LOG04V4-92-LTE (915 MHz)
Data Logger memory	500 000 mesures
Access point	Yes radio/Modbus/GPRS
Inputs	1x power supply (5V...30V) 1x Modbus input (If not already used as output) 2x digital inputs : contact or counter
Outputs	Radio HF (868 or 915 MHz) GSM / GPRS with modem 3G 1x voltage output (5V...18V) 1x open drain output 1x Modbus output (If not already used as input)
Radio communication	100m in its wireless range (Wiji protocol)
Antenna : radio / cellular	Internal or external antenna for radio See configurator for options
Operating temperature	-40 ...85°C
Logger Housing	PA12
Sealing grade	IP68 : 1 bar / 30 days (if used with Ijinus fixation ; PN : H0T00053 ou H0T00060)
Energy	Bat : 3,6V 34Ah
Configuration	Wireless configuration kit (PN : MOC0000x) that includes the software AVELOUR
Certification Atex zone 2	 II 3G Ex ic ec IIB T4 Gc Tamb : -20°C...60°C
Certifications	 : SE6A002 - IC : 10983A-A002-A0102



LOG04V4 - Applications and configuration

Area-Velocity Flow

CSO / SSO

Pumping stations

Water quality



Rain

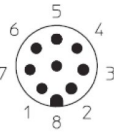
Electromagnetic flowmeter
connection by Modbus

Fast pressure metering and logging
of drinking water networks

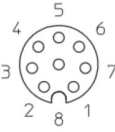
LOG04V4 Modbus-DIGITAL

Wiring :

Male :



Female :



Cable colors	White	Brown	Green	Yellow	Grey	Pink	Blue	Red
Connector 8Pts : N°	1	2	3	4	5	6	7	8
Signal	Vin	GND	Vout	Input Or Output	Input Or Output	Input	Input	Open-drain output
Type	(5V...30V)	Ground	5...18V* (Int. battery) or switch Vout = Vin	RS485-H	RS485-L	Digital 1 / Counter 1	Digital 2 / Counter 2	Ground contact
Type	Power Supply in		Power Supply out	Modbus	Modbus	Digital	Digital	Open-drain (1A/30V)

* 1,8W maximum on the Vout, if external sensor connected and powered by internal battery (tension adjustable by software).

LOG04V4

1x voltage input (5V...30V), 1x Modbus input, 2x digital inputs,
1x voltage output (5V...30V), 1x open drain output

Code	Frequencies
8	868Mhz Europe – China
9	915MHz USA - Canada - Australia
Code	Antennas
0	Internal radio
1	External radio
2	Internal radio / external cellular
3	External radio / external cellular
Code	Communication options
Empty	Communication radio (on-site)
3G	Communication radio + 2G/3G
LTE	Communication radio + 2G / LTE-M / NB-IoT

LOG04V4 - 8

2 - 3G

= **LOG04V4-82-3G**