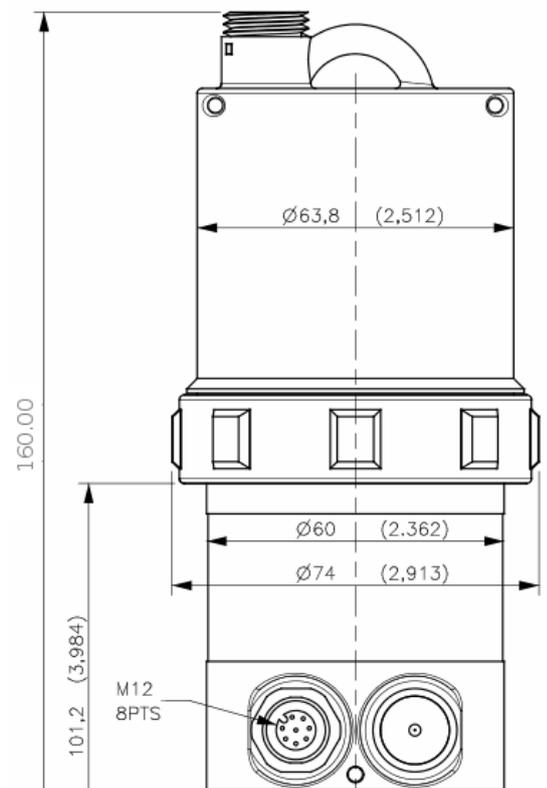# Wireless Data Loggers LOG04V3 – Modbus - Digital

- **Multi Applications data loggers**
- **Wireless setting with Rfid technology**
- **Access point HF / Modbus**
- **Communication : HF / GSM / GPRS / 3G / Sigfox**
- **Memory : 500 000 measures**
- **Sealing grade IP68**
- **Battery powered logger**
- **1x voltage input (7V…30V)**
- **1x Modbus Input or output**
- **2x digital inputs**
- **1x voltage output (7V…30V)**
- **1x open collector output**

Features	LOG04V3-82-3G **(868 MHz)** LOG04V3-92-3G **(915 MHz)**
Data Logger memory	500 000 measures
Access point	Yes HF/Modbus/GPRS
Inputs	1x voltage input (7V…30V) 1x Modbus input (If not already used as output) 2x digital inputs
Outputs	Radio HF (868 or 915 MHz) GSM / GPRS with modem 3G 1x voltage output (7V…30V) 1x open collector output 1x Modbus output (If not already used as input)
Radio communication	100m in its wireless range (Wiji protocol)
Antenna : HF / GSM	¼ wave length / Quad band See configurator for options
Operating temperature	-40 …85°C
Logger Housing	PA12
Sealing	IP68 (if used with Ijinus fixation ; PN : H0T00053 ou H0T00060)
Energie	Bat : 3,6V 34Ah
Configuration	Wireless programming kit (PN : MOC0000x) that includes the software AVELOUR
Certification Atex zone 2	⟨Ex⟩ II 3G Ex ic ec IIB T4 Gc Tamb : -20°C…60°C
Certifications	CE - FC : SE6A001 - IC : 10983A-A00

Ø63,8 (2,512)

160.00

101,2 (3,984)

Ø60 (2.362)

Ø74 (2.913)

M12
8PTS

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LOG04V3 - Applications and configuration

LOG04V3 4/20 mA-DIGITAL

Area-Velocity Flow

CSO / SSO

Pumping stations

Water quality

Rain
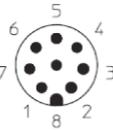
Wiring :   Male :   Femal :
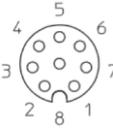
LOG04V3

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	(7V…30V)	Ground	(7…30V) Vout = Vin	RS485-H	RS485-L	Digital input 1	Digital input 2	Ground contact
Type	Alim in		Switch	Modbus	Modbus	Contact	Contact	Open-drain (1A/30V)

LOG04V3 — 1x voltage input (7V…30V), 1x Modbus input, 2x digital inputs, 1x voltage output (7V…30V), 1x open collector output

Code	Frequencies
8	868Mhz Europe – China
9	915MHz USA - Canada - Australia

Code	Antenna
0	Internal HF + fixing ring
1	External HF + fixing ring
2	Internal HF + External 3G/Sigfox + fixing ring
3	External HF and GSM/3G/Sigfox + fixing ring

0   1   2   3

Code	Communication options
Empty	Communication HF
3G	Communication HF/GSM/GPRS modem 3G
SIG	Communication HF/SIGFOX

LOG04V3 - 8   2 - 3G   = **LOG04V3-82-3G**