



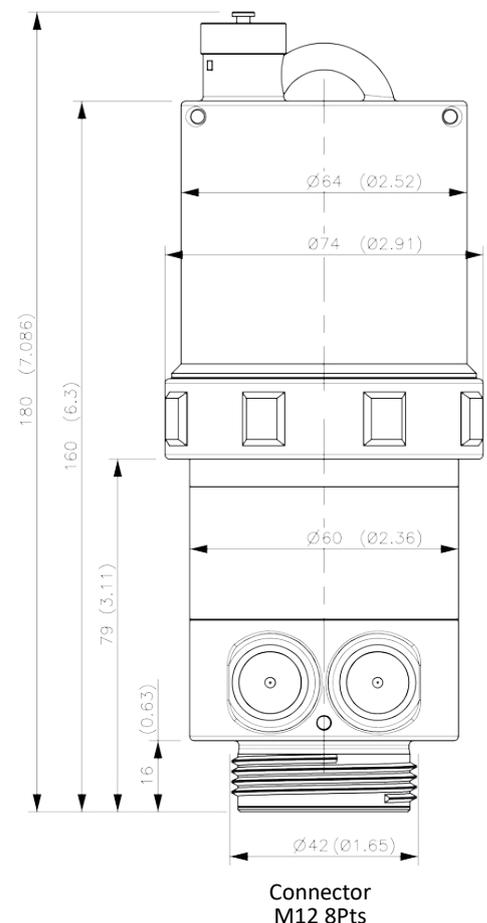
## LOG09V3 - Wireless loggers 4-20 mA - digital



### Features :

- Multi Applications data loggers
- Wireless setting with Rfid technology
- Communication : HF / GSM / GPRS in 3G / Sigfox
- Access point HF / Modbus
- Memory : 500 000 measures
- Sealing IP68
- Battery powered logger
- 1x voltage input (7Vcc...30V)
- 2x 4-20 mA (2 wires) inputs
- 1x Modbus input or output
- 1x voltage output (7Vcc...30V)
- 1x open collector output

Features	LOG09V3-82-3G (868 MHz) LOG09V3-92-3G (915 MHz)
Data logger	500 000 measures
Access point	Yes
Inputs	1x voltage input (7Vcc...30V) 2x 4-20 mA (2 wires) 1x Modbus (If not used as output)
Outputs	Radio HF (868 or 915 MHz) GSM / GPRS with 3G modem, Sigfox 1x digital output (open collector) 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 (Only if an Ijinus bracket is used ; PN : H0T00053 or H0T00060)
Energy	Bat : 3,6V 34Ah (PN : A0G00030)
Configuration	Wireless programming kit (PN : MOC0000x) includes software AVELOUR
Certifications	CE - FCC : SE6A001 - IC : 10983A-A00
Dimensions	ø74 x 180 mm (ø 2,91 x 7,086)
Net weight	302 g



# LOG09V3 - Loggers applications and configuration

Area-Velocity Flow

Water quality

Rain

Flow using pressure probe



CSO / SSO

Lift station

Groundwater resources

Access point HF/GPRS

## LOG09V3 4/20 mA-DIGITAL

### LOG09V3 wiring :

Male



Female



Cable color	White	Brown	Green	Yellow	Grey	Pink	Blue	Red
Connector 8Pts Number	1	2	3	4	5	6	7	8
Signal	Vin	GND	Vout	Input or Output	Input or Output	Input	Input	Open drain output
Features	(7V...30V)	Ground	(7...30V) Vout = Vin	RS485-H	RS485-L	Current 1	Current 2	Grounding contact
Type	Power in		Switch	Modbus	Modbus	4-20 mA	4-20 mA	Open drain (1A/30V)

## Logger configurations

### LOG09V3

1x voltage output (7V...30V), 2x 4-20 mA inputs, 1x Modbus input (If not already used as output)  
1x voltage output (7V...30V), 1x open collector output, 1x Modbus output (If not used as input)

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

Code	Antennas
0	Internal HF + fixing ring
1	External HF + fixing ring
2	Internal HF + External 3G/Sigfox + fixing ring
3	External HF + External 3G/Sigfox + fixing ring



Code	Communication options
Empty	No option
3G	GSM / GPRS / 3G modem
SIG	SIGFOX communication

LOG09V3 - 8    2    -    3G    =    LOG09V3-82-3G