





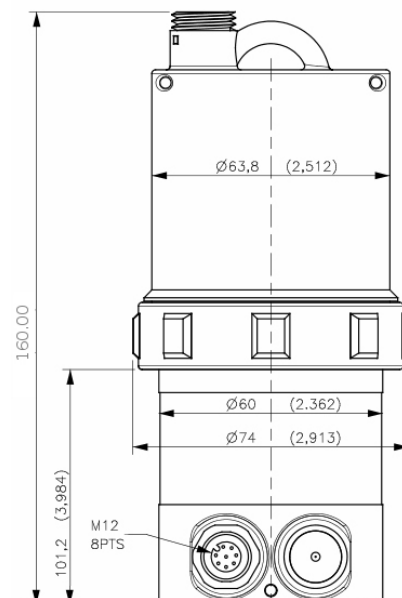
LOG03V4 - Wireless loggers 4-20mA – Digital



Features :

- Multi Applications, battery powered data loggers
- Wireless setting on-site by radio
- Communication : Radio + 1 optional communication card to choose from 2G / 3G or 2G / LTE-M / NB-IoT
- Access point radio / GPRS (with nearby ijinus sensors)
- Memory : 500 000 measures
- Sealing IP68 (1bar / 30 days)
- 1x power supply input (5V...30V)
- 2x 4-20 mA inputs
- 2x digital inputs : Contact or counter 100 Hz
- 1x voltage output 5V...18V (for external sensor)
- 1x open drain output

Features	LOG03V4-80 - LOG03V4-82-3G - LOG03V4-82-LTE (868 MHz) LOG03V4-90 - LOG03V4-92-3G - LOG03V4-92-LTE (915 MHz)
Data logger	500 000 measures
Access point	Yes
Inputs	1x power supply input (5V...30V) 2x 4-20 mA 2x digital inputs : contact or counter
Outputs	Radio HF (868 or 915 MHz) : Wiji protocol 2G/3G ou 2G / LTE-M / NB-IoT 1x voltage output 5V...18V (2W max with internal battery) or Switch Vin 1x open drain output
Radio communication	100m in its wireless range (Wiji protocol)
Antenna : radio / cellular	Internal or external radio antenna – External for cellular antenna See configurator for options
Operating temperature	-40 ...85°C
Logger Housing	PA12
Sealing	IP68 1 bar during 30 days (Only if an Ijinus bracket is used ; PN : H0T00053 or H0T00060)
Energy	Bat : 3,6V 34Ah (PN : A0G00030)
Configuration	Radio/USB configuration kit (PN : M0C0000x) includes software AVELOUR
Configuration	 II 3G Ex ic ec IIB T4 Gc Tamb : -20°C...60°C
Certifications	 SE6A002-A0102 / IC : 10983A-A002-A0102
Dimensions	Ø 74 x 160 mm
Net weight	244 g (LOG03V4-80 without battery)



LOG03V4 - Loggers applications and configuration

Water Height / Flow using pressure probe

CSO / SSO

Lift stations

Groundwater resources



LOG03V4 4/20 mA - Digital

Rainfall monitoring

Electromagnetic flowmeter connection by 4-20mA

Water pressure control

Fast pressure metering and logging of drinking water networks

LOG03V4 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	Input	Input	Input	Open drain output
Features	(5V...30V)	Ground	(5V...18V) Or switch Vout = Vin	Current 1	Current 2	Digital 1 / Counter 1	Digital 2 / Counter 2	Grounding contact
Type	Power in		Power out	4-20mA	4-20mA	Digital	Digital	Open drain (1A/30V)

Logger configurations

LOG03V4

1x voltage input (5V...30V), 2x 4-20 mA inputs, 2x digital/counter inputs
1x voltage output (5V...18V), 1,8W if internal battery used, 1x open collector 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	On-site communication by radio
3G	Radio communication + 2G / 3G
LTE	Radio communication + 2G / LTE-M / NB-IoT

LOG03V4 - 8 2 - LTE = **LOG03V4-82-LTE**