



LOG10V4 - Loggers with overflow detector and optional US level sensor



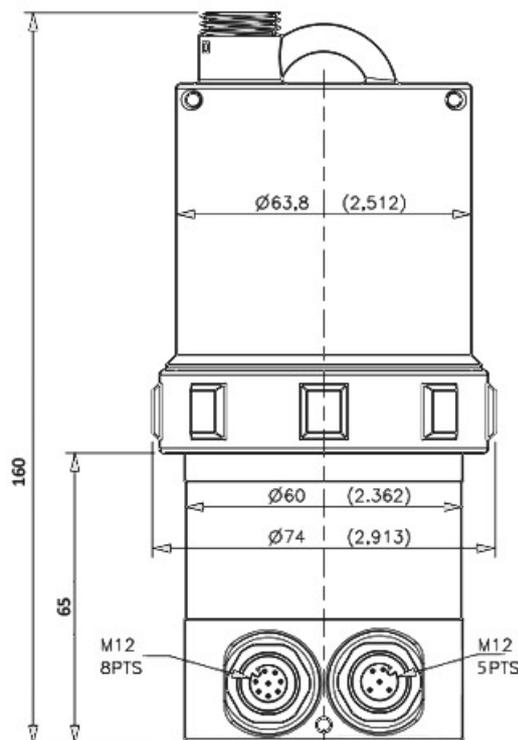
LOG10V4

Optional US probe

Features :

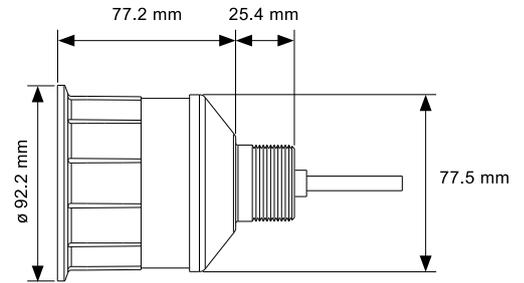
- Multi Applications data loggers
- Wireless setting by radio (Wiji protocol)
- Communication : Radio + 1x communication card in option : 2G/3G or 2G/4G (LTE-M/NB-IoT)
- Access point radio / Modbus
- Memory : 500 000 mesures
- Enclosure rating IP68 (1 bar / 30 days)
- Battery powered logger
- 1x voltage input (5Vcc...18Vcc)
- 2x digital inputs : contact or counter 100Hz
- 1x US probe input
- 1x power supply output (battery or switch)
- 1x open drain output
- Modbus RS485 interface

Features	LOG10V4-82-3G (868 MHz) LOG10V4-92-3G (915 MHz)
Data logger	500 000 mesures
Access point	Yes
Inputs	1x voltage input (5Vcc...30Vcc) 1x US probe input 2x digital inputs : contact or counter 100Hz 1x RS-485 interface (Modbus compatible)
Outputs	Radio HF (868 or 915 MHz) : Wiji protocol 2G/3G or 2G/4G (LTE-M / NB-IoT) 1x power supply output 1x digital output (open drain)
Radio communication	100m in its wireless range (Wiji protocol)
Radio / cellular antenna	Internal or external radio antenna, external cellular antenna. See configurator for options
Operating temperature	-40 ...85°C
Logger Housing	Logger : PA12 filled with natural glass fibre Antenna bolt and connector : Inox A2 304 O-ring seal : EPDM
Sealing	IP68 (1 bar / 30 days)
Energy	Bat : 3,6V 34Ah
Configuration	Wireless programming kit (PN : MOC0000x) includes software AVELOUR
Certifications	CE FC : SE6A001 - IC : 10983A-A00
Dimensions	Ø 74 x 160 mm



LOG10V4 - Loggers applications and configuration

Features	Optional deported ultrasonic probe PN : SU1000
Measuring range	0,3 ... 10m
Beam width	12°, ±2°
Frequency	50 KHz
Accuracy	± 5% on solid / ± 1% on liquid
Housing	Glass filled polyester
Operating temperature	-40°C...+90°C
Sealing	IP67
Dimensions	∅ 92 x 103mm
Cable length	5m, other length available on request
Weight	560g



Logger configurations

LOG10V4

1x voltage input (5Vcc...30Vcc), 2x digital inputs, 1x RS-485 interface (Modbus compatible)
1x ultrasonic probe input, 1x voltage output (5Vcc...18Vcc), 1x digital output (open drain)

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

Code	Antennas
0	Internal HF
1	External HF
2	Internal HF + External cellular
3	External HF + External cellular

Code	Communication options
Empty	Communication locally by radio
3G	Communication locally by radio + 2G/3G
LTE	Communication locally by radio + 2G/4G



LOG10V4 - 8 2 - LTE = LOG10V4-82-LTE