



Relative pressure sensor CNR series with data logger



Features

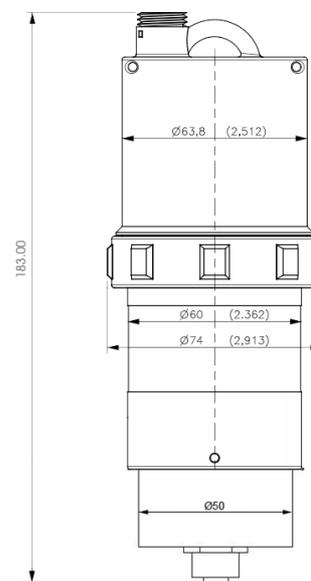
- Measuring range from 0 to 50m H2O
- Wireless setting with Rfid technology
- Communication : HF /GSM / GPRS / 3G / SIGFOX
- Memory : 500 000 measures
- Sealing IP68
- Battery powered > 5 years
- Hosting data and web services available

The pressure level data logger is fully autonomous, easily configurable by radio and includes, depending on model, a communication module for automatically send data to the supervision.

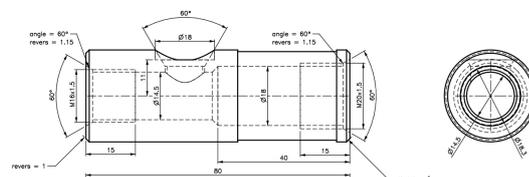
Various range of level probes available and suitable for various applications. The logger is compact with a 74 mm in diameter for a height of 183 mm. The pressure sensor connects to the data logger by 4-20mA. Several cable lengths are available, ranging from 5 to 60m. They integrate the atmospheric pressure aerator.

Battery powered Data logger for relative pressure sensor

Features	LOG09V3-82-3G (integrating modem) LOG09V3-82 (without modem)
Communication options	<ul style="list-style-type: none"> • Radio HF (868 ou 915 MHz) for programming and to retrieve data locally • GSM / GPRS / SIGFOX
Programming	Avelour software
Temperature compensation	Yes using internal probe
Logger memory	500 000 Measures
Access point	Yes
Antenna HF / GSM	Internal HF antenna / GSM external or external antenna depending on models
Temperature range	-40 ...85°C
Housing	ABS 20%FV
Sealing	IP68
Power	Lithium 3,6V / 17Ah (Logger without modem) Lithium 3,6V / 34Ah (Logger with modem)
Certification CE/FCC/IC	CE FC : SE6A001 - IC : 10983A-A001
Programming kit	Part number : MOC00001
Dimensions	Ø 74 x 183mm
Weight including battery AOG00011	425g



LOG09V3-92-3G



Atmospheric pressure aerators

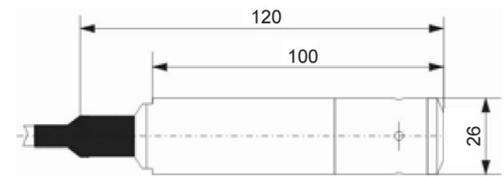


Relative pressure sensor CNR serie

Relative pressure sensor – CNR serie	
Features	
Measuring range	1 2 5 10 20 50 100 200 mH ₂ O
Pressure	Relative - Gage
Overpressure	1,5 x FS
Certification	CE / ROHS / ACS
Response	<10ms (10% ~ 90%)
Output Signal	4 ~ 20 mA
Supply voltage	Min 15 – Max 30 VDC
Cable size	Ø7.5mm, available in 5, 10, 15, 20, 25, 40 and 60 m
Operating Temperature	Normal : -10 ... 80°C Maxi : -40... 100°C (Stockage)
Housing	Diaphragm : Std : SS 316L Corps : SS 321 : ICr18Ni9Ti
Dimensions	Ø26 x 120mm
Weight (CNR0001-A2-05)	904g
Atmospheric pressure aerator	Integrated Ø28MM- LG80MM E/S in M16x1.5 and M20x1.5



CNR sensor



Test condition : 25°C / 50%RH

P/N	Typ	Max.	Units
Accuracy	±0,3	±0,5	%FS
Linearity	±0,25	±0,5	%FS
Repeatability	±0,1	±0,15	%FS
FS thermal error	±0,75	±1,0	%FS
Compensate d temp range	0 ~ 50		°C
Stability	±0,2	±0,3	%FS/ an

Part number	Relatif pressure sensor
CNR0001-A2-05	[0-1mH ₂ O] INOX - IP68 4-20mA - Cable 5m
CNR0001-A2-10	[0-1mH ₂ O] INOX - IP68 4-20mA - Cable 10m
CNR0002-A2-05	[0-2mH ₂ O] INOX - IP68 4-20mA - Cable 5m
CNR0002-A2-10	[0-2mH ₂ O] INOX - IP68 4-20mA - Cable 10m
CNR0005-A2-10	[0-5mH ₂ O] INOX - IP68 4-20mA - Cable 10m
CNR0005-A2-15	[0-5mH ₂ O] INOX - IP68 4-20mA - Cable 15m
CNR0010-A2-15	[0-10mH ₂ O] INOX IP68 4-20mA - Cable 15m
CNR0010-A2-20	[0-10mH ₂ O] INOX IP68 4-20mA - Cable 20m
CNR0010-A2-30	[0-20mH ₂ O] INOX IP68 4-20mA - Cable 25m
CNR0020-A2-25	[0-20mH ₂ O] INOX IP68 4-20mA - Cable 40m
CNR0020-A2-40	[0-20mH ₂ O] INOX IP68 4-20mA - Cable 40m
CNR0030-A2-60	[0-30mH ₂ O] INOX IP68 4-20mA - Cable 60m
CNR0050-A2-60	[0-50mH ₂ O] INOX IP68 4-20mA - Cable 60m
Different sensor models are available on demand : - Other measuring ranges and cable length - CNRT sensors with pressure and temperature, 4-20mA output	