Calcimeter

CAL-00X

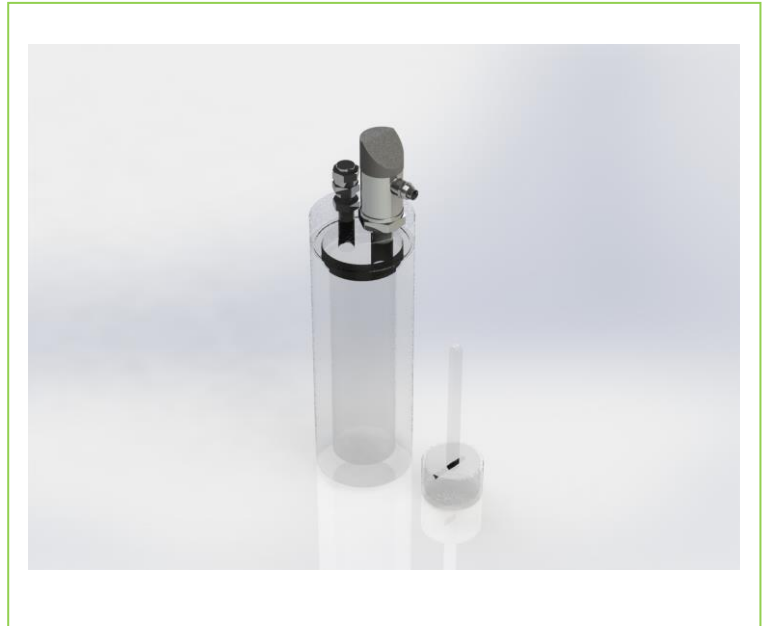*Preliminary*

Part Number: CAL - 00X

Clear acrylic calcimeter
With ProSens digital pressure sensor
With Swagelok relief valve

Complies with ASTM D 4373-84 Standards

Same design as used by major service companies

Technical Data

Operating temp:	- 0 ...+ 40 degrees C
	- 32 ...+ 104 degrees F
Certification:	Not for hazardous areas
Weight:	2.2 lbs (1 kg)
Protection:	N/A
Material Bottle:	Clear Acrylic
Material Cap:	Clear Acrylic
Material Stirrer/Spoon:	Clear Acrylic
Power Supply Gauge:	18-30V
Output:	4...20mA/0-10V Select.
Pressure Range:	-1.8 to 36.25 psig

Advantages

-Clear case allows user to see reaction
-Acrylic is resistant to HCL
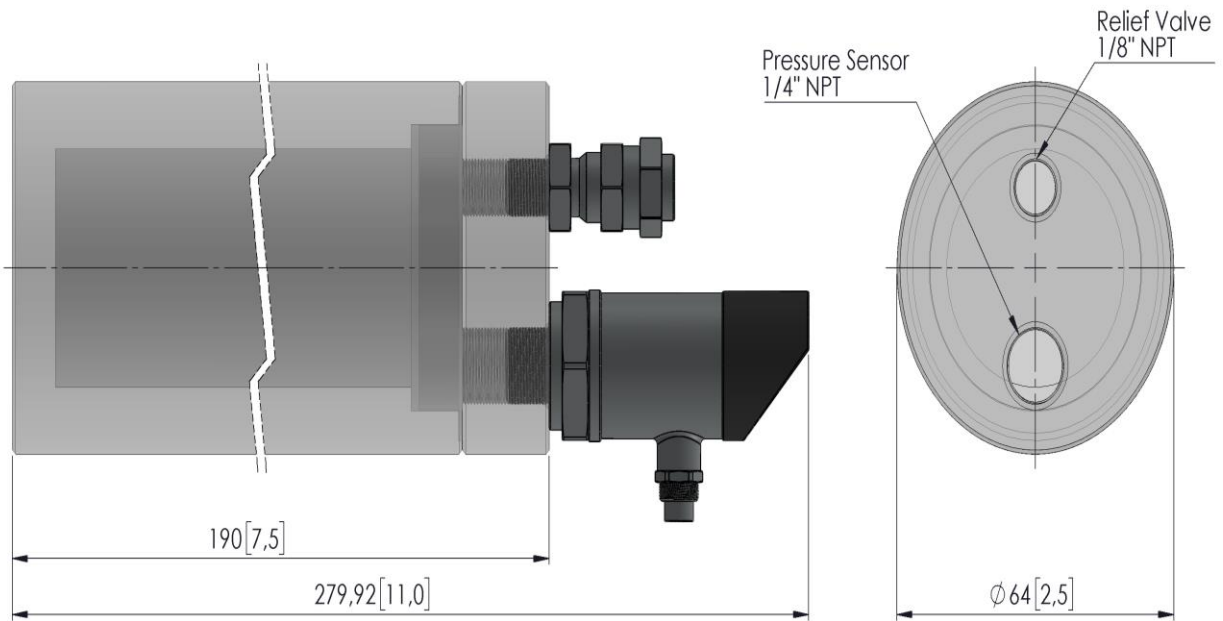-Digital output can be output direct to system

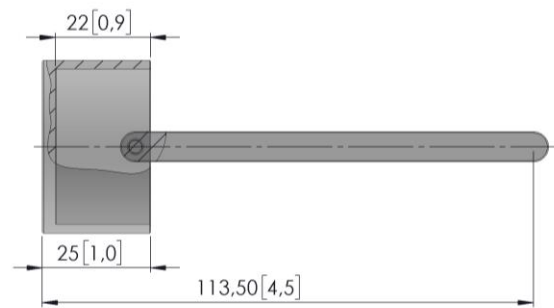## Connection Options

4pin M12
Wiring per user manual

Usage

Sample to be measured is crushed and reacted with 10% HCL to form CO_2. The build up of pressure is measured and compared against that of a sample of pure calcium carbonate that has undergone the same reaction. The percentage of calcium is a function of the pressure, a relative measurement

Manual

Complete manual for download

Nota: Tutte le immagini sono puramente indicative e non possono essere considerate vincolanti ai fini della fornitura
All images are indicative and can not be considered binding the purpose of supplying

Rev. 0

Pressure Sensor
1/4" NPT

Relief Valve
1/8" NPT

190 [7,5]

279,92 [11,0]

⌀ 64 [2,5]

All quotes in mm[inch]

22 [0,9]

25 [1,0]

113,50 [4,5]

All quotes in mm[inch]

Nota: Tutte le immagini sono puramente indicative e non possono essere considerate vincolanti ai fini della fornitura
All images are indicative and can not be considered binding the purpose of supplying

Rev. 0