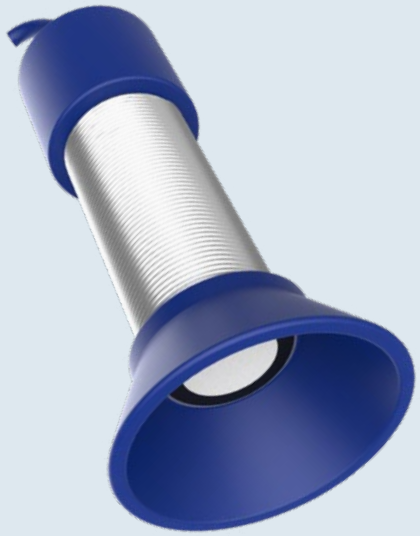
LV630
Ultrasonic level meter



Description

SIM has developed the ultrasound level meter LV630 in order to monitor the water level in wells, channels, where the absence of moving parts under water allow the instrument to have a very easy installation and having high quality at the same time. This instrument, due to its features, is used for low depth waters, for example, for measuring the flow in channels with V-Notch etc.
The instrument working principle is based on the response time of a sound wave. In the first phase the instrument releases a define number of sound waves, in the second phase it receives back the eco, calculating the time elapsed between the wave sent and the one received. The instrument translate the time elapsed into distance. The output signal produce is mA, and it is directly proportional to the distance between the sensor and the water surface, where 4 mA is max height and 20 mA is the min one.
Every sensor is provided with a calibration certificate that attests the results of the test performed and all electromechanical features.
Manual read out with DATAVIEW.
Automatic read out with MINILOG, MYLOG.
Readout units with NATUN.

Applications

Water level measurement of dams, basins, rivers, weirs, silos etc.

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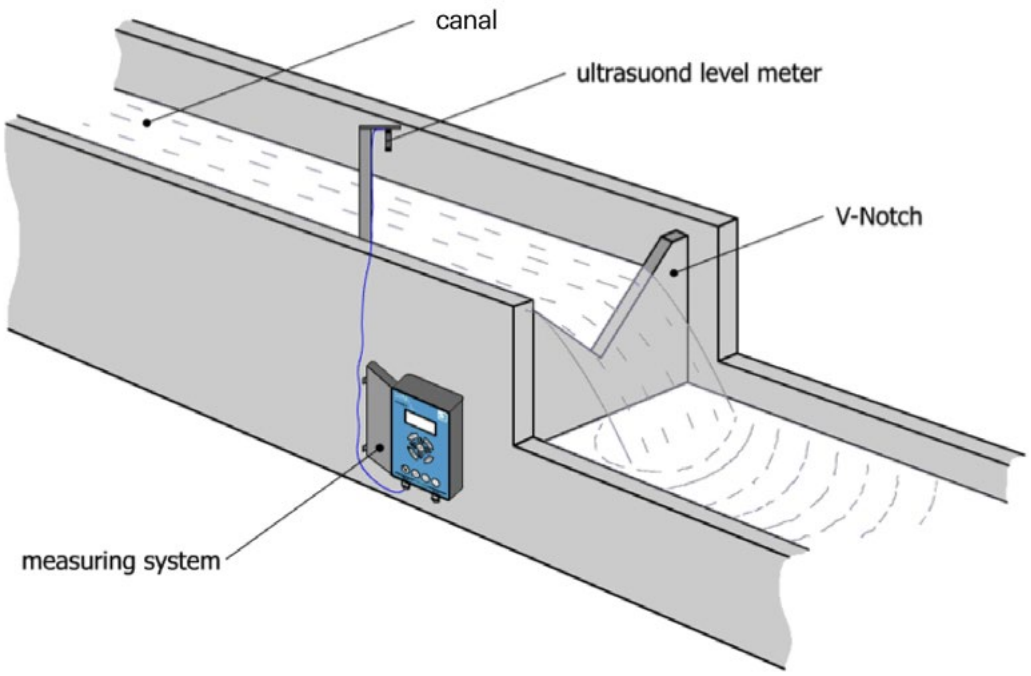

Technical features			
Model	***LV630-01-FS****	***LV630-02-FS****	***LV630-03-FS****
Max range (mt)*	0.1 - 4.3	0.1 - 9.1	0.3 - 15.2
Min range (mt)	0.1 - 0.6	0.1 - 3.0	0.3 - 4.0
Supply		10-30 Vcc	
Output		4-20mA	
Linearity		0.5% FS	
Consumption		70mA max	
Dimensions	Ø26.7x103 M30 x 1.5	Ø48x188mm 1.5"NPT	Ø60x121mm
Angle		12°	
Warm Up		15 sec	
Readout update	50ms	100ms	200ms
Protection		IP68	
Material		Stainless steel	
Weight	0.360Kg	0.560Kg	0.730Kg

Accessories	
Puncheon	***LV630-MWPL***
"L" mounting bracket	***LV630-MW00***
Mounting beam for LV 630-01	***LV630-MW01***
Mounting beam for LV 630-02	***LV630-MW02***
Mounting beam for LV 630-03	***LV630-MW03***

*FS Indicate the range

LV630_EN ED05/18

CE

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