RADCH - RADAR-CHAN LOGGER FLOW METER

Contactless Radar Open Channel Flowmeter. Unit consisting of a couple of radar sensors: one Doppler for surfacing velocity water and the second transit time for level measure. The flow rate measurement is calculated and stored directly by the electronic stand alone HM3000 unit. According to the cross section and watercourse geometry is full programming by software on PC.

The detection unit and electronic datalogger HM3000 are supplied already pre-configured by our laboratory.

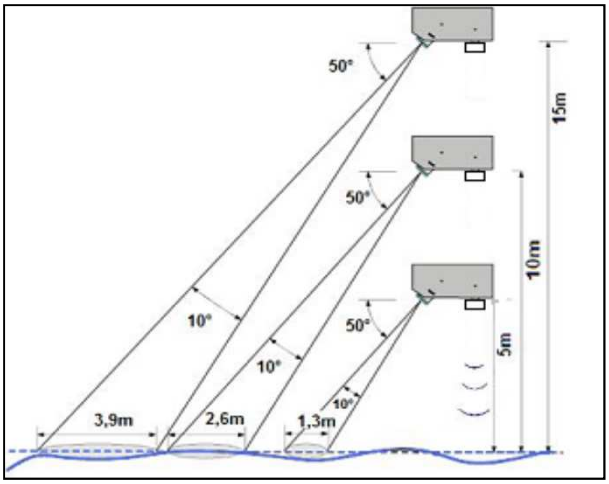
Applications:
- Monitoring of velocity, level and flow of: channels, rivers, streams, drains, sewers, etc.

DESCRIPTIONS

Executions with optional analog output for retransmission in 4/20 mA (example for flow rate and totalized readout). Optional output RS232/485 or SDI12 serial communication. Optional output card with Wireless GSM / GPRS. Possibility of remote data transmission on Web hosting by protected password.

VELOCITY - LEVEL UNIT SPECIFICATIONS

Velocity range:	0.2…18 m/s accuracy +/- 0.1 m/s @ -30…+70°C
Frequency:	34.7 GHz, beam width 12 ° +/- 1 °
Velocity sensor angle:	adjustable from 0 to 70 ° horizontal/vertical
Distance from water surface:	Min 0.01 m Max 100 m
Level range:	depending on the application withing range 0 ... 30 m, resolution 1 mm
Supply sensors:	by HM3000 unit (12Vdc)
Approximate dimensions:	WxHxD 450x200x110
Housing material:	S.S. 304 / Aluminum
Weight:	about 3,5 kg
Protection:	IP66
Installation:	OEMs
HM3000 Electronic Unit:	See 3A_063en Datasheet



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