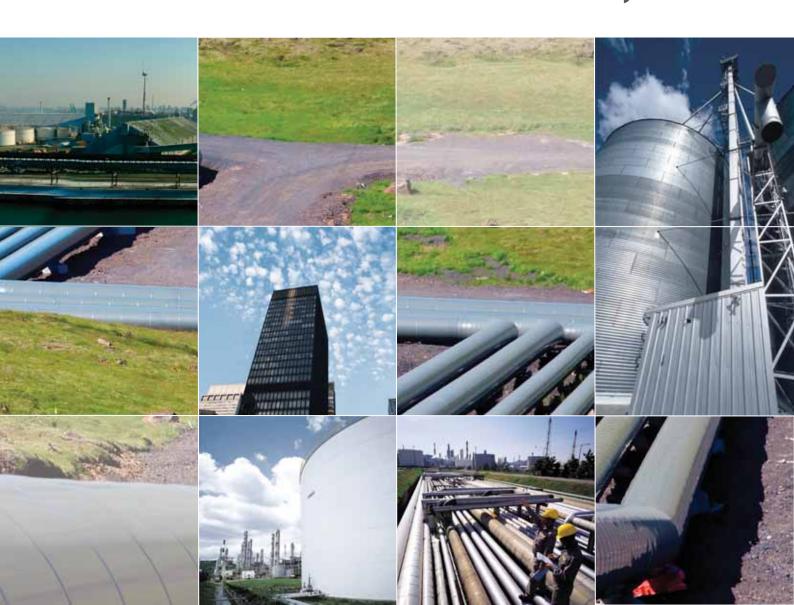


FL0200 Series

Ultrasonic Open Channel Flow Meter FL0200 Series



WESS GLOBAL, INC.



Ultrasonic Open Channel Flow Meter

The FLO200 open channel flow meter is non-contact flow meter available for measurement of flows in municipal wastewater and storm water sewers. The FLO200 consists of a ultrasonic sensor and a micro-processed control unit.



Product Features

Various applications

FLO200 can apply to most flumes and weirs as well as non-standardized flow application with built-in automatic programming menu option.

Narrow ultrasonic beam angle (4 degree)

We cut down ultrasonic beam angle to minimize the effect of existing field structures and maximize the convenience of installation.

Current isolation

The isolated electric design enables to deal with strong field noise.

→ Provide pulse output

Max 400 days data logging

Applicable Flumes and Weirs

- Parshall Flumes
- Palmer Bowlus Flumes
- Trapezoidal Weirs
- Suppressed Rectangular Weirs
- Leopold Largo Flumes
- Khafagi Venturi Flumes
- V-Notch Weirs
- Contracted Rectangular Weirs

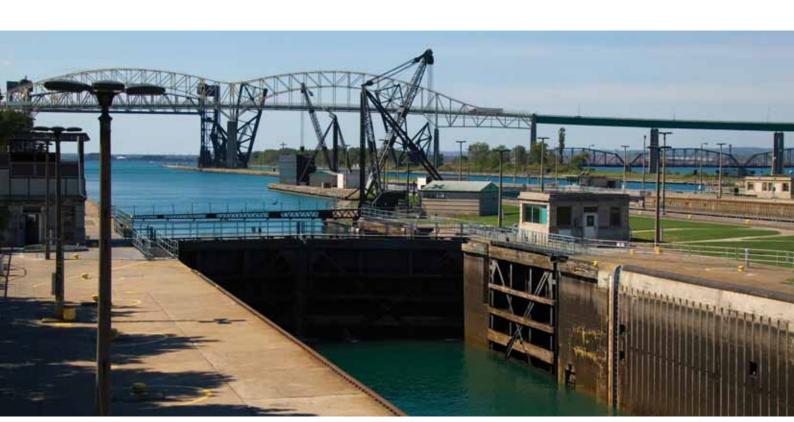
Specification

☐ Controller

Model	C5-S
Measuring Principle	Ultrasonic echo flight time
Measuring Ranges	0 ~ 200,000m³/h
Accuracy	± 0.25% F.S.
Resolution	1mm
Operational Temp.	-20 ~ 70°C
IP Rating	IP65
Enclosure Material	Body: ABS Window : Polycarbonate
Weight	1 kg
Outputs	Current : 1ea x 4~20mA Pulse : 1ea, open collector Relay : 2ea x SPST Digital : RS232C or RS485(Option)
Power Supply	100 ~ 240V AC, 20~30V DC(Option)
Dimension	231(W) x 185(L) x 120(H)mm
Certificate	CE

─ Sensor

Model	S4-10
Range	0~10m(incl. dead zone)
Beam Angle	4 degree
Frequency	53KHz
Temp. Compensation	Built-in
Operational Temp.	-20 ~ 70°C
Material	C-PVC/Teflon
Mounting Thread	1" PF Thread
Mounting Type	Socket / Flange
IP rating	IP68
Weight	0.7kg





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