



ULTRASONIC AREA-VELOCITY FLOW METER



A SENSOR CAN MEASURE BOTH FLOW RATE & WATER-LEVEL AT A TIME, CONTINUOUSLY



CAT, No. 22-027-0803J

KANSAI Automation Co., Ltd.



After mounting a sensor on the bottom of a channel without a flume or weir, you can measure the flow volume only by entering the pipe diameter or channel width As it measures the actual flow rate and water-level in a real time, it can come up with the highly accurate measurement

FEATURES

A single ultrasonic sensor continuously measures both velocity and level. No flume or weir is needed.

The sensor can easily be mounted with a setscrew and a mounting bracket.

For calibration, just enter the pipe diameter or channel width, and there is no other special

- requirement.
- It can measure flow velocity up to 6m/second.

PRINCIPLE OF OPERATION

It continuously measures velocity (on Doppler effect) and level (on time flight) with ultrasonic waves transmitted from the sensor to compute the flow volume in calibrating by entering the pipe diameter and channel width.



Monitoring for agricultural water-intake



Darin flow-volume monitoring



River inflow monitoring



Predicting river-flood

SPECIFICATION/ OUTLINE DIAGRAM

CONTROLLER



* Be sure to install at a safety zone or Div. 2 area.





NOTES ON MOUNTING



Line of business

- ●回転式レベルスイッチ
- •振動式レベルスイッチ
- ●揚子式レベルスイッチ
- ●普波式レベルスイッチ
- ・静電管羅式レベルスマッチ
- ・経電容量式近接センサ
- ・静地容量式レベルメータ
- ・ダイヤフラム式レベルスイッチ
- ·チルトスイッチ
- ・リーク式レベルスイッチ
- ・マイクロウェーブスイッチ
- ◆ダストモニタ

- ・サウンジング式レベルメータ

- •フロースイッチ ●箱植式レベルスイッチ
- ●フロートスイッチ
- •フロード式レベルメータ
- ●相目波式レベルメータ
- コンベア周辺機能
- ・ジルコニア酸素濃度計
- ・レーザー式レベルメータ
- ●電波式レベルメータ
 - ●液体濃度·湯度計
 - 趙昌波流量計

* Please be sure to read USER'S GUIDE, Installation & Operation Instructions when using the instrument. * The specifications herein may be subject to change without advance notice

Nuclear Power Generation to Rice Milling All-round Manufacturer of Level Controllers for Powder. Granules and Liquid

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