innoLev100/200
Split Ultrasonic Level Meter

Features

- Adopt a unique digital extraction technique to handle echos
- Simple and easier installation method
- The controller is mounted separately from the sensor
- Built-in temperature compensation sensor
- RS485 Modbus Communication
- Chinese / English menu

InnoLev 100 split ultrasonic level meter utilizes state-of-the-art, non-contact ultrasonic measurement technology, can carry out a variety of liquid and solid level measurement. innoLev 100 includes microprocessor-based controllers and ultrasonic sensors (6m and 12m).

innoLev 200 split ultrasonic level difference meter uses state-of-the-art, non-contact ultrasonic measurement technology, can carry out a variety of liquid and solid level measurement. innoLev 200 can not only achieve double point level measurement, you can also measure the level difference.

Application

- Water Treatment
- Chemical industry
- Food Industry
- Steel/Paper Mill

Technical Data

Controller

Model:	innoLev100/200
Product Name :	Level Difference Meter
Display:	Wide LCD screen display level, level difference, temperature, relay status
Language:	Chinese/English
Power Supply:	90~260VAC，50/60Hz
Analog Output:	2 groups of 4-20mA output，Max 600Ω
Digital Output:	RS485 Modbus
Alarm:	2 independent Hi/Lo alarm setting point，with hysteresis setting
Working Temperature:	-10~60℃
Protection Grade:	IP65
Dimension:	144 x 144 x 110mm
Weight :	0.85Kg

Technical Data

Model:	innoLev 100/200
Measuring Medium:	Liquid/Solid/Pipe

Input

Measuring sensor:	PU06/12 Ultrasonic Sensor

Output

Analog Output 1:	4-20 mA isolated current represent any segment ; Load:Max.600Ω
Analog Output 2:	4-20 mA isolated current segment of the measuring scale ; Load:Max.600Ω

Relay 1&2 (Alarm):

Operation:	ON/OFF
Selectable action :	High / Low
Set Point:	High/10.00mg/L; Low/4.00mg/L (adjustable)
Hysteresis:	0.10mg/L (adjustable)
Relay contacts:	5A/250VAC; 5A/30VDC

Interface

RS 485 Modbus RTU

Baud rate:	9600 bps
Data format:	8 bit

General Information

Power supply:	90 - 260V AC, 50/60Hz; 24VDC(Optional)
Operating temperature:	0 - 60℃
Storage temperature:	-20 - 70℃
Humidity:	Max. 90% rH at 40℃ (non-condensing)
LCD Screen:	Big-size screen of crystal display, white back light
Language:	Chinese / English
Passcode:	Set mode: 0022 , Calibration mode:0011
Protection grade:	IP65
Dimensions:	144 * 144 * 110mm
Installation:	Wall/Pipe/Panel Mounting
Panel Cut Size:	138 * 138mm
Weight:	0.85Kg

Order Guide

Order No.	Model	Descriptions
34-0100-00	innoLev 100	Split Ultrasonic Level Meter，220VAC
34-0200-00	innoLev 200	Split Ultrasonic Level Difference Meter，220VAC
34-0100-06	PU06	PU06 ultrasonic sensor，0~6m，cable 10m
34-0100-12	PU12	PU12 ultrasonic sensor，0~12m，cable 10m
34-0000-10	PA-300S	L-type stainless steel mounting bracket