jens∆rima

High-range Online Turbidity Analyser
innoCon 6800T-1

Parameters
Turbidity: 0-4000NTU

Applications

surface water

tap water

sewage/wastewater treatment

Sensor

Product Model: innoSens 810T (FTU)
Measurement principle: 90° scattered light
Measurement range: 0-1000NTU/0-4000NTU
Resolution: 0.1NTU, 0.1mg/L
Accuracy: ±2% f.s.
Material: 316L housing, PVC, special optical glass
Size: Dimensions: 42mm
　　　　length:120mm
　　　　Threaded connection: 1" GAS
Cable: 10m as standard
Maximum pressure: 4 bar
Operating temperature: 0-60°C
Protection class: IP68

InnoSens 810T Turbidity sensor

● The InnoSens 810T high range turbidity sensor with 90° light scattering technology and conforms to EN ISO 7027. As light passes through the solution, part of it is absorbed and scattered and the other part is transmitted through the solution. This allows the turbidity/suspension of a water sample to be measured by measuring the intensity of the scattered light from particles in the water up to 4000 NTU.

The innoCon 6800 series single channel controllers are designed for single water quality parameter measurements related to the water treatment industry. 4.3" colour LCD display, touch operation and very easy setup. The series controller has a data storage function and supports U disk data export. Three programmable relays and two 4-20mA outputs are provided for controlling auxiliary equipment, with Modbus RTU (RS485) communication as standard.

Controller

Display:	4.3" colour LCD touch screen display
Language:	Chinese/English
Password:	setting mode:0022,Calibration mode:0011
Power supply:	110-240VAC,50/60Hz.
Current output 1:	isolated 4-20mA output, settable measurement value, max. load 500Ω
Current output 2:	isolated 4-20mA output, settable measurement value, max. load 500Ω
Digital communication:	RS485 Modbus RTU
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC
Purging relay:	cleaning interval:0.1-1000h, cleaning time:1-1000s
Operating temperature:	0~70.0°C
Storage temperature:	-20~70.0°C
Protection level:	IP65
Mounting:	wall mounted
Dimensions:	200×180×90mm
Weight:	ca. 1Kg

Order Guide

Order No.	Description
33-6800-31	innoCon 6800T-1 High-range turbidity controllers，220VAC
35-0810-02	innoSens 810T Turbidity sensor, cable10m