

Low-range Online Turbidity Analyser

innoCon 6800T-5

Parameters

Turbidity: 0.0001-100NTU

Applications



drinking water



boiler water



process water



swimming pools



Sensor

Product Model: innoSens 850T

Measurement principle: 90° scattered light

Measurement range: 0.0001-100NTU

Resolution: 0.0001/0.001NTU

Accuracy: ±2% of reading or ±0.02NTU, whichever is greater

Light source: LED

Light source life: >7 years

Defoaming function: Yes

Anti-fogging function: Yes

Automatic sewage function: optional

Response time: <30s

Inlet water flow: 100-200ml/min

Operating temperature: 0-50°C

Protection level: IP65

Installation: wall mounted

Size: 160x260x150mm

Weight: ca.2Kg

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

InnoSens 850T High Precision Turbidity Controller



● The innoSens 850T low range turbidity sensor measures ultra-low range turbidity and has an internal defoaming structure and anti-condensation function to ensure stable, high accuracy measurements. The LED light source does not need to be replaced within ten years and is widely used for online monitoring of turbidity in all types of clean water such as tap water outlets and engineering drainage outlets.

Order Guide

Order No.	Description
33-6800-35	innoCon 6800T-5 high precision turbidity controller
35-0850-00	innoSens 850T high precision turbidity sensor