

innoCon 6800T

Turbidity/Suspended Solids Analyzer

Measuring parameter

- Turbidity
- Suspended Solids
- Temperature

Features

- Innovative optical technology ensures reliable concentration measurements
- 90° light scattering technology
- Using ARM system, more stable and reliable
- Lattice display, Chinese and English menu
- 4-20mA current/ RS485 output
- Stainless steel electrodes are more rugged and reliable
- Air cleaning device is optional



Measurement Expert for Turbidity & Suspended Solids with Accuracy

InnoCon 6800T Turbidity / SS Analyzer is based on 90 ° scattered light and is EN ISO 7027 compliant. When the light passes through the solution, a portion is absorbed and scattered, and the other is passed through the solution so that the turbidity and the suspended matter of the water sample can be measured by measuring the intensity of the scattered light of the particles in the water. It is equipped with innoSens 810T sensor, can measure the turbidity of 1000NTU or suspended solids 2000mg / L

Application

- Process Water
- Cycle Water
- Wastewater Treatment
- Pure Water

Specification

Measuring parameter

Turbidity: 0.0-10.00NTU / 0-100.0NTU / 0-1000NTU (0-4000NTU optional)

SS: 0.0-10.0 / 100.0 / 1000.0 / 2000.0 mg/L

Resolution: 0.1 NTU, 0.1 mg/L

Accuracy: ± 2 f.s

Input

Measuring sensor: innoSens 810T high range turbidity/ suspended solids sensor

innoSens 820T low range turbidity sensor



www.jensprima.com

Output

Analog Output 1: 4-20 mA isolated current output for turbidity/suspended solids sensor, it can be made to represent any segment of the measuring scale

Load: Max 600Ω

Analog Output 2: 4-20 mA isolated current output for TEMP., it can be made to represent any segment of the measuring scale

Load: Max 600Ω

Relay 1&2 (Alarm)

Operation: ON/OFF

Selectable action : High / Low

Set Point: High/10.00 ppm; Low/4.00 ppm (adjustable)

Hysteresis: 0.01 ppm (adjustable)

Relay contacts: 5A/250VAC; 5A/30VDC

Relay 3 (Washing Relay)

Wash interval: 0.1~1000hour

Wash time: 1~1000s

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 °C

Storage temperature: -20 - 70 °C

Humidity: Max. 90% rH at 40°C (non-condensing)

LCD display: Big-size screen of crystal display, white back light

Language: Chinese / English

Passcode: Set mode: 0022, Calibration mode: 0011

Protection grade: IP65

Dimensions: 160 * 166 * 73mm

Installation: Wall Mounting

Weight: 1Kg

Order Guide

Order No.	Type	Descriptions
33-6800-30	innoCon 6800T	Turbidity/ suspended solids controller, 90 - 260V AC
33-6800-34	innoCon 6800T	Turbidity / suspended solids controller, 24V DC
35-0810-02	innoSens 810T	Turbidity/ suspended solidssensor,turbidity:0.0-1000.0 NTU,SS:0.0-2000 mg/L
35-0820-00	innoSens 820T	Turbidity sensor, 0.0-10.00NTU / 0-100.0NTU