Online Low Range Turbidity Analyzer

Flumsys 10TC-T5

The Flumsys 10TC Single Channel Digital Controller is designed to measure a range of water quality parameters relevant to the water treatment industry and can be customised to measure a single parameter, supporting JENSPRIMA sensors only. The 4.3" colour LCD display is touch operated and very easy to set up. This series controller has data storage function, support USB Disk data export. Provides three programmable relays and two 4-20mA outputs for controlling auxiliary equipment, RS485 Modbus RTU communication is standard.



Measurement parameters

Turbidity: 0.0001-100NTU（FTU）

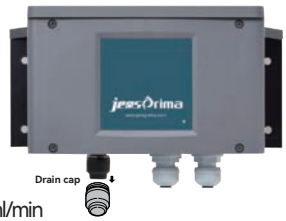
Feature

- Single channel measurement, need to select the corresponding sensor
- Wide power input, touch screen design
- 4.3" colour touch screen displays measured value, temperature and relay status
- Chinese/English menu, easy to operate
- Password protection to prevent unauthorised operation
- New calibration step-by-step prompts can help reduce operating errors
- 2x programmable Hi/Lo relay outputs
- Programmable auto-purge relay outputs
- 2x isolated 4-20mA outputs
- RS485 Modbus RTU communication
- Data storage function, support for USB stick data export

innoSens 850T Low Range Turbidity Sensor

- The innoSens 850T low range turbidity sensor can measure ultra-low range turbidity, with built-in anti-foam structure and anti-condensation function to ensure stable and high-precision measurement. With LED light source, no need to replace within ten years, widely used in tap water outlets, engineering drainage outlets and other types of clean water quality turbidity online monitoring.

Measuring principle:	90° scattered light
Measuring range:	0.0001-100NTU（FTU）
Resolution:	0.0001/0.001NTU（FTU）
Accuracy:	±2% reading or ±0.02NTU, take largest
Light source:	LED
Light source life:	>7 years
Anti-foaming function:	Yes
Anti-fogging function:	Yes
Automatic sewage function:	Option
Response time:	<30s
Inlet water flow:	100-200ml/min
Working temperature:	0-50°C
Protection class:	IP65
Installation:	wall mounted
Dimension:	160×260×150mm
Weight:	Ca.2kg



Order No.	Description
33-6800-35	innoSens 850T Low Range Turbidity Sensor

Technical parameters

Display:	4.3" colour LCD touch screen display
Language:	Chinese/English
Password:	Setup mode: 0022, Calibration mode: 0011
Power supply:	110-240VAC, 50/60Hz; 24VDC Optional
Current output 1:	Isolated 4-20mA output, measurable value can be set, maximum load 500Ω.
Current output 2:	Isolated 4-20mA output, measurable value can be set, maximum load 500Ω.
Digital communication:	RS485 Modbus RTU
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting 5A/250VAC/30VDC
Cleaning relay:	Cleaning interval:0.1-1000h, Cleaning time:1-1000S
Working temperature:	0-70.0°C
Storage temperature:	-20-70.0°C
Protection class:	IP65
Installation:	Wall mounting
Size:	200×180×90mm
Weight:	ca.1kg

Order Guide

Order No.

Flumsys 10TC — T 5 — ☐

- T 5: Measurement Parameters
- ☐: Power supply type
  - A 220VAC
  - B 24VDC

For example, if you select low range turbidity sensor, 220VAC, the model number is Flumsys 10TC-T5-A.