Online Suspendeds Solids Analyzer

Flumsys 10TC-T8

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

Suspendeds Solids: 0-50q/l

Feature

- Single channel measurement, need to select the corresponding sensor
- Wide power input, touch screen design
- $\, \bullet \,$ 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 815S Infrared Suspendeds Solids Sensor

• The sensor innoSens 815S is used for the optical measurement of suspended solids inindustrial water and process up to 50 g/l.The prode uses the method of measuring light absorption.

Reliable concentration measurement using optical measuring process, Infrared light pulsing beams scattering method, Stainless Steel sensor body (PVC optional), No mechanically moving parts, Measured value pre-processing in sensor resulting in low signal transmission sensitivity, Immediate installation and easy manteinance.

Materials: Stainless Steel 304
Special Epoxy windows
Viton O-ring

Thread: 1"GAS
Measuring range: 0-50g/l
Measuring method: Light absorption
Accuracy: ±5% of measuring value

Repeatability: 98 %
Calibration: by 3 points
Working temperature: 0~45 °C
Max. Working pressure: 2 bar
Max. Power consumption: 3W

Mechanical Protection: IP68 – cable included
Cable: 10m integral
Power supply: 12~24Vdc

Outputs: RS485 Modbus RTU

Auto cleaning: wipper



Order No.	Description
35-0815-02	innoSens 815S Infrared Suspendeds Solids 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 interval:0.1–1000h, Cleaning time:1–1000S

Working temperature: 0-70.0°C

Storage temperature: -20-70.0°C

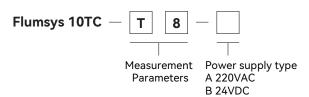
Protection class: IP65

Installation: Wall mounting Size: 200×180×90mm

Weight: ca.1kg

Order Guide

Order No.



For example, if you select suspendeds solids sensor, 220VAC, the model number is Flumsys 10TC-T8-A.