Dual-Channel Controller

Flumsys 10TC

The Flumsys 10TC Dual Channel Controller is designed to measure a range of water quality parameters relevant to the water treatment industry and can be customised to provide the customer with the freedom to choose two measurement parameters to customise the dual channel to support 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 U disk data export. Provides three programmable relays and two 4-20mA outputs for controlling auxiliary equipment, Modbus RTU (RS485) communication is standard.

Measurement parameters

Residual chlorine/turbidity、Residual chlorine/pH、Conductivity/pH (two parameters can be customised)

Applications

Municipal wastewater, industrial wastewater, drinking water, process water

Features

● Simultaneous measurement of two parameters, wide power input, touch screen design
● 4.3-inch 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 instructions to help reduce operating errors
● 2 x programmable Hi/Lo relay outputs
● Programmable auto-purge relay outputs
● 2 x Isolated 4-20mA outputs
● RS485 Modbus RTU communication
● Data storage function, support for USB stick export

Technical parameter

Item No.:	Flumsys 10TC-FT	Flumsys 10TC-FP	Flumsys 10TC-CP
Measurement:	Residual chlorine/turbidity	Residual chlorine/pH	Conductivity/pH
Measurement Range:	0-2.000/0-20.00mg/L 0.0001-100NTU	0-2.000/0-20.00mg/L 0-14pH	0-20.00μS/cm、0-200.0μS/cm 0-2000μS/cm、0-14pH
Resolution:			
Accuracy:			
Display:	4.3 inch 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, 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, 5 A/250VAC/30VDC		
Cleaning relay:	Cleaning interval: 0.1-1000h, cleaning time: 1-1000s		
Temperature:	Working temperature: 0~70.0℃,Storage temperature: -20~70.0℃		
Protection class:	IP65		
Installation:	Ca.1Kg		
Dimension:	200 × 180 × 90mm		
Weight:	Ca.1Kg		

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