

Transmitter Model C1



🗮 TURBIsmart Configuration Version 9.0				2	
Select COM Port			Measuring Values		
Connect COM22	~	Disconnect	51,36	ppm	
Get measuring Transmitter Settings			51,50	PPIII	
Basic Settings Set measuring Range	600,0	0			
	ppm				
	5	-			
Adjust Zero Offset	0,00	0			
Adjust Gain	1,000	-			
Set Relay Setpoint	100,00	0			
	1.00	\$			
Apply Settings to Transm	atter				
Safe Settings to Fil	le .				
Read Settings from I	ile				
Access Measuring Screen				Expert Access	
Basic Settings Galbration			1212	ter Access Code	

- Configuration via PC, Laptop
- Menu based, intuitive User Interface
- Serial Interface: USB
- Optional backlit LCD
- Outputs: 4-20mA, Setpoint Relay, System fail Relay
- Multiple sample curve-fit
- Programmable Measuring Units: EBC, FTU, TEF, ppm
- Full backup of Configuration & Calibration
- Stainless Steel Enclosure (304SS / 1.4301)
- Protection class Enclosures: Nema 4x / IP65
- Optional Hazardous area Zone II (Ex nA IIA T3 Gc)*
- Optional Hazardous area Zone I alu enclosure (Ex d IIC T5/6)
- Ruggy, reliable design made for excellent process control
- Suitable for all potable, waste and process waters
- * Transmitter for hazardous area Zone II without Relays and external USB (non sparking device).

Description:

The transmitter model C1 can be used with all optical sensors of the Monitek / Chemtronic series. The programming/calibration of the system is done via a PC or notebook using the menu-driven software. Calibration is done with multiple samples. All settings and calibration values can be backed up, extern, at your PC's hard disc.

Applications:

- Scatter light turbidity measurement
- Absorption turbidity measurement
- Single channel color measurement
- Dual channel color measurement

Operational areas:

- Chemical industry
- Petrochemical industry
- Pulp & Paper
- Beer and beverages

Technical Data:

Temperature range:	: maximal 45°C	Reproducibility:	±1%
Enclosure material:	1.4301	Protection class:	IP65 / NEMA 4X
Measuring range:	Sensor specific (programmable)	Supply:	24VDC ±10% (opt. 90-260VAC- 50/60Hz)
Interface:	USB	Analog output:	4-20mA, 500 Ohm (isolated)
Software:	Configuration/Calibration via Windows PC	Relay outputs:	Contact ratings 24VDC/1A

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