Online turbidity meter Turbimax CUE22

Compact system with sample condition adjustment for drinking and process water applications

Daha fazla bilgi ve güncel fiyatlandırma:
www.tr.endress.com/CUE22

Avantajlar:

- Long service intervals to save on operational costs
- Fast and easy calibration, verification within seconds
- Low volume of flow-through cuvette speeds up response time
- Automatic ultrasonic cleaning function reduces maintenance effort
- Sample condition adjustment (flow and pressure) included

Uygulama alanı: Turbimax CUE22 is a reliable turbidity meter for continuous measurement compliant to US EPA 180.1. Operation is simple: connect the water, adjust the settings and the system runs unattended. Turbimax CUE22 provides guided calibration according to predefined standards, helping to streamline maintenance. Its automatic ultrasonic cleaning function extends service intervals offering significant savings in operational expenditure.

Özellikler ve şartlar

Turbidity

Measuring principle

Turbidity

Application

Online continuous monitoring of clean water :
- Drinking water
- Treated process water

Installation

Compact device for bypass-installations.

Characteristic

" Versions with white light source
" Fast and easy calibration
" Complete primary calibration in less than 5 minutes
" Verification in seconds
" Reduced calibration costs and quick response times thanks to low volume sample chamber
" Automatic continuous ultrasonic cleaning (Autoclean)increases cleaning intervals dramatically
" Simple modular design
" Easy to use and service
" Affordable thanks to modular microprocessor based technology
" Digital high-speed connections through RS-485 with Modbus
Optional Features:
" Flow chamber for bubble suppression
" Reusable calibration kit

Measurement range

0 - 100 NTU

Measuring principle

Turbidity measurement using standardised 90° scattered light method acc. to U.S.EPA180.1 (White Light)

Design

The transmitted white light beam is scattered by the solid matter particles in the medium. The scattered light beams are detected by scattered light receivers which are arranged at an angle of 90° to the white light source.

Turbidity

Material

Housing: ABS
Flow-through head: Nylon
Sample cuvette: Borosilicate glass
Sample cuvette seal: Silicone
Flow-through fittings: Polypropylene
Flow-through lock down pins: Stainless steel (AISI 304 or AISI 303)
Inlet tube: Stainless steel (AISI 316)

Dimension

347,16 x 207,65 x 196,85 mm
(13.66 x 8.17 x 7.75 inches)

Process temperature

1°C - 50°C
(34 - 122°F)

Process pressure

max. 13.78 bar / 200 psicontrolled by integral pressure regulator

Ingres protection

IP66

Output / communication

4-20mA, galvanic isolated
Bi-directional RS-485, Modbus optional.

Ayrıntılı bilgi **www.tr.endress.com/CUE22**

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