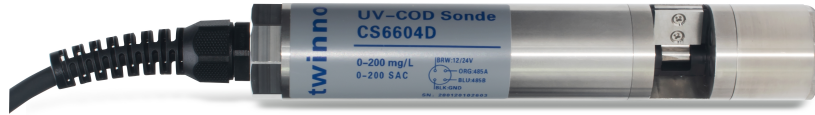


CS6604D Digital COD Sensor



CS6604D COD Sensor

CS6604D COD probe features highly reliable UVC LED for light absorption measurement. This proven technology provides reliable and accurate analysis of organic pollutants for water quality monitoring at low cost and low maintenance. With rugged design, and integrated turbidity compensation, it is an excellent solution for continuous monitoring of source water, surface water, municipal and industrial wastewaters.

Features

1. Modbus RS-485 output for easy system integration
2. Programmable auto-cleaning wiper
3. No chemicals, direct UV254 spectral absorption measurement
4. Proven UVC LED technology, long lifetime, stable and instant measurement
5. Advanced turbidity compensation algorithm

Technical parameters:

Name	Parameter
Interface	Support RS-485, MODBUS protocols
COD Range	0.75 to 370mg/L equiv.KHP
COD Accuracy	<5% equiv.KHP
COD Resolution	0.01mg/L equiv.KHP
TOC Range	0.3 to 150mg/L equiv.KHP
TOC Accuracy	<5% equiv.KHP
TOC Resolution	0.1mg/L equiv.KHP
Tur Range	0-300 NTU
Tur Accuracy	<3% or 0.2NTU
Tur Resolution	0.1NTU
Temperature Range	+5 ~ 45°C
Housing IP Rating	IP68
Maximum pressure	1 bar
User Calibration	one or two points
Power Requirements	DC 12V +/-5%, current<50mA(without wiper)
Sensor OD	50 mm
Sensor Length	214 mm
Cable Length	10m (default)