

# Specifications of TC-500 Turbidity sensor

- Name: TC-500
- Order No: 6OPT-TC-500
- Measuring range: 0-500 FTU
- Power supply: DC 12V±10%
- Current draw: At regular operation: 30mA (Max.), At cleaning operation: 240mA (Max.)  
(excluding analog signal output).
- Output: Analog (4-20mA) signal output: resistance load of 300Ω (Max.)  
4mA: 0 FTU  
20mA: 500 FTU  
Self-checking output: open collector (12VDC 20mA Max.)
- Input: Calibration signal input
- Cleaning system: Both sided swing wiper cleaning system
- Time interval for cleaning: Clean once immediately after power-on, and subsequently clean  
once every 10 minutes
- Operating temperature: 0~40°C(unfrozen)
- Major material: SUS 316L, sapphire glass, fluorocarbon rubber, EPDM, POM
- Dimensions: Ø32x163mm (excluding hanging attachment)
- Weight: approx. 930g
- Degree of protection: IP 68, maximum depth of 2 meters (underwater type)
- Detector cable length: 10m
- Made in Japan

