

Turbidity/Colority

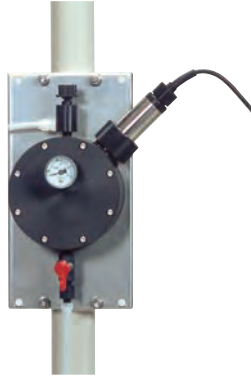
26 TCR-502

Turbidity & Colority Meter

Transmitted Light Method, Cell Length 60mm, High Sensitive



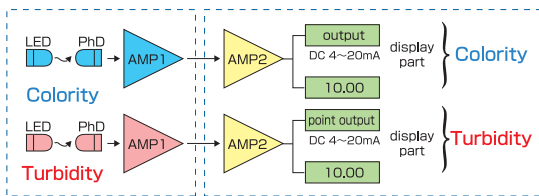
TCRD-100



TCRD-100+TCRD-FL



Measuring Diagram



Turbidity/Colority Sensor:

converter

Features

- Double beam optical system is adopted and is successful of sensitive colority measurement without influenced by turbidity.
- Minimum display of 0.01→0.1 selective, at 10 degrees or less
- Turb/Colority 4-range transmission output (4~20mA)
- Probe type 2-wave length turbidity/colority sensor.

Usage

Water purification plant, simplified drinking water system, water tank, industrial water, waste water from the plants, water for food industry.

Meter

Measuring Method	Double beam, Transparency light System
Measuring Range	Turbidity:0.0~50.0 (degree or FTU) Colority:0.0~50.0 (degree)
Resolution	Select 0.1 / 0.01 degree
Accuracy	Within ± 0.3 degree (Full Scale 10 degree) (or Within $\pm 3\%$ Full Scale)
Transmittal Output	Turbidity / Colority two lines DC 4 ~ 20mA (isolated type) Load resistance: 250~500 Ω 4 range (Manual change) 1)0~5 2)0~10 3)0~20 4)0~50
Hold output	Transmission output and point output by input of no voltage point signal from outside at maintenance time
Measurement condition	Temperature: Within 0~40 $^{\circ}\text{C}$ Pressure : About 0.1~0.5MPa (at the pressure control valve entrance) Discharge flow: About than 0.05 ℓ /min
Power Supply	AC 85 ~ 240V free input 50 /60 Hz
Std. component	Meter, Detector, panel fixer, 2 calibration containers, pressure control valve, In-line type holder, Instruction manual, written guarantee

Detector

Product name	Turbidity/Colority Detector
Model	TCRD-100+TCRD-FL (Detector : TCRD-100 Flow Type holder : TCRD-FL)
Measuring Method	Double beam, Transparency light System
Material	PVC, SUS-304, quartz glass, POM
Cable	5m standard