

To control MLSS concentration in the aeration basin



High Concentration Suspended Solids Sensor

TS-Mx(E)

Easy Installation, Simple Operation

- Maximum range of 50,000 mg/L
- Easy calibration
- Automatic wiper cleaning system
- Scratch proof sapphire glass

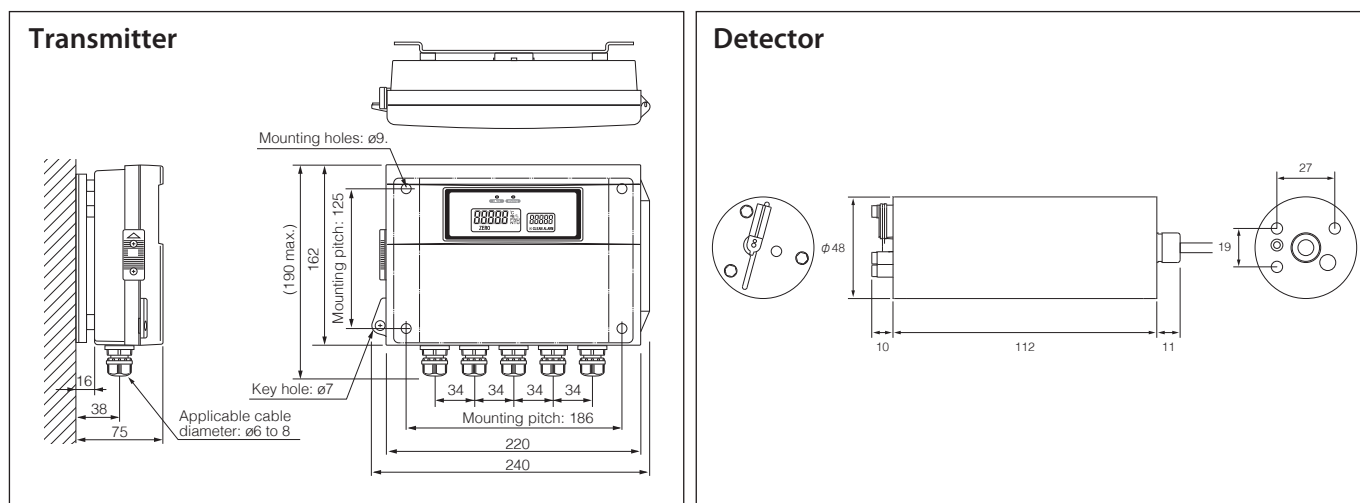
High Concentration Suspended Solids Sensor TS-Mx(E)

■ Specifications

Name	SS Checker
Model No.	TS-Mx(E)
Measuring range	0 - 50000 mg/L (kaolin)
Power supply voltage	100-240 VAC ±10% 50/60 Hz
Power consumption	Normal: 15 VA max, During cleaning: 22 VA max.
Display resolution	10 mg/L
Repeatability	3% of reading or 300 mg/L, whichever is greater (kaolin / 20°C)
Output	Signal output (analog 4-20 mA, resistance load of 300 Ω max.) Self-checking relay output (non-voltage C-contact capacity 240 VAC, 1 A resistance load) Alarm relay output (non-voltage C-contact capacity 240 VAC, 1 A resistance load)
Alarm timer	1 to 120 minutes (adjustable)
Calibration	Distilled water
Cleaning system	Automatic wiper cleaning system
Time interval for cleaning	10 to 240 minutes (selectable)
Measuring water temperature	0 to 40°C (unfrozen)
Ambient temperature	Transmitter: -20 to +50°C, humidity 95%RH or less (Avoid direct sunlight)
Operating altitude	Altitude up to 2000 m
Main material	Detector: SUS316L, Sapphire glass, Fluorocarbon rubber, EPDM, PVC (cable) Transmitter: Polycarbonate
Dimensions	Detector: Approx. ø48 x 133 mm Transmitter: Approx. 240 (W) x 162 (H) x 75 (D) mm
Weight	Detector: Approx. 1.0 kg Transmitter: Approx. 1.6 kg
Degree of protection	Detector: IP68, maximum depth of 2 m (underwater type) Transmitter: IP65 (jetproof type) Pollution degree 2
Detector cable length	9 m
Option	Mounting attachment (TA-3), Maintenance kit (TSC-MK), Hood kit (TP-FK2), Pole stanchion (PS-1)

Specifications are subject to change without prior notice.

■ Dimensions (mm)



■ Accessories



For Monitoring effluent wastewater TCS-1000(E)+SC-T4(E)



- Measurement Range 0 to 1000mg/L
- Display Resolution 0.1mg/L (0 to 49.9mg/L)
- Wiper Cleaning System

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