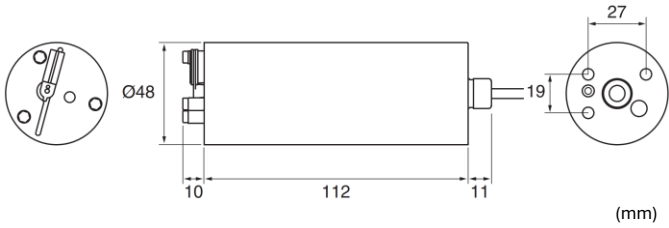


SS Sensor
TS-Mx-D

Specifications

Description	SS Sensor
Model	TS-Mx-D
Measurement range	0 to 50000 mg/L (Kaolin)
Display resolution	10 mg/L
Power supply voltage	24 VDC ± 10%
Current consumption	Normal: 30 mA max. During cleaning: 230 mA max.
Communication (function)	MODBUS (RTU/ASCII)
Cleaning system	Wiper cleaning system
Operating temperature	0 to 40°C (unfrozen)
Major material	SUS316L, Sapphire glass, Fluorocarbon rubber, EPDM, PVC (cable)
Dimensions	Φ48 x 133 mm
Weight	Approx. 1.1 kg
Degree of protection	IP68, maximum depth of 2 meters (underwater type)
Sensor cable length	9 m

Dimensions



Optional items

Universal transmitter:
SC-U1(E)

- 2 sensors can be installed.
(max. 4 sensors can be installed
when using expansion board)
- 4-20 mA output
- Relay output



Mounting attachment: TA-3



Maintenance kit: TSC-MK

Replacement for wiper parts
* Replace once a year is recommended



OPTEX sensors line-up



Easy-to-use compact with well-developed functions.



SS Sensor
TS-Mx-D

■ Maximum range of 50,000 mg/L

■ Easy calibration

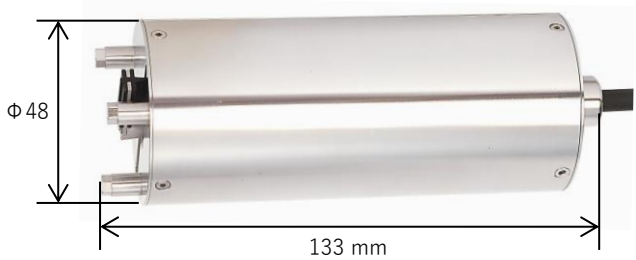
■ Automatic wiper cleaning system



■ Scratch proof sapphire glass



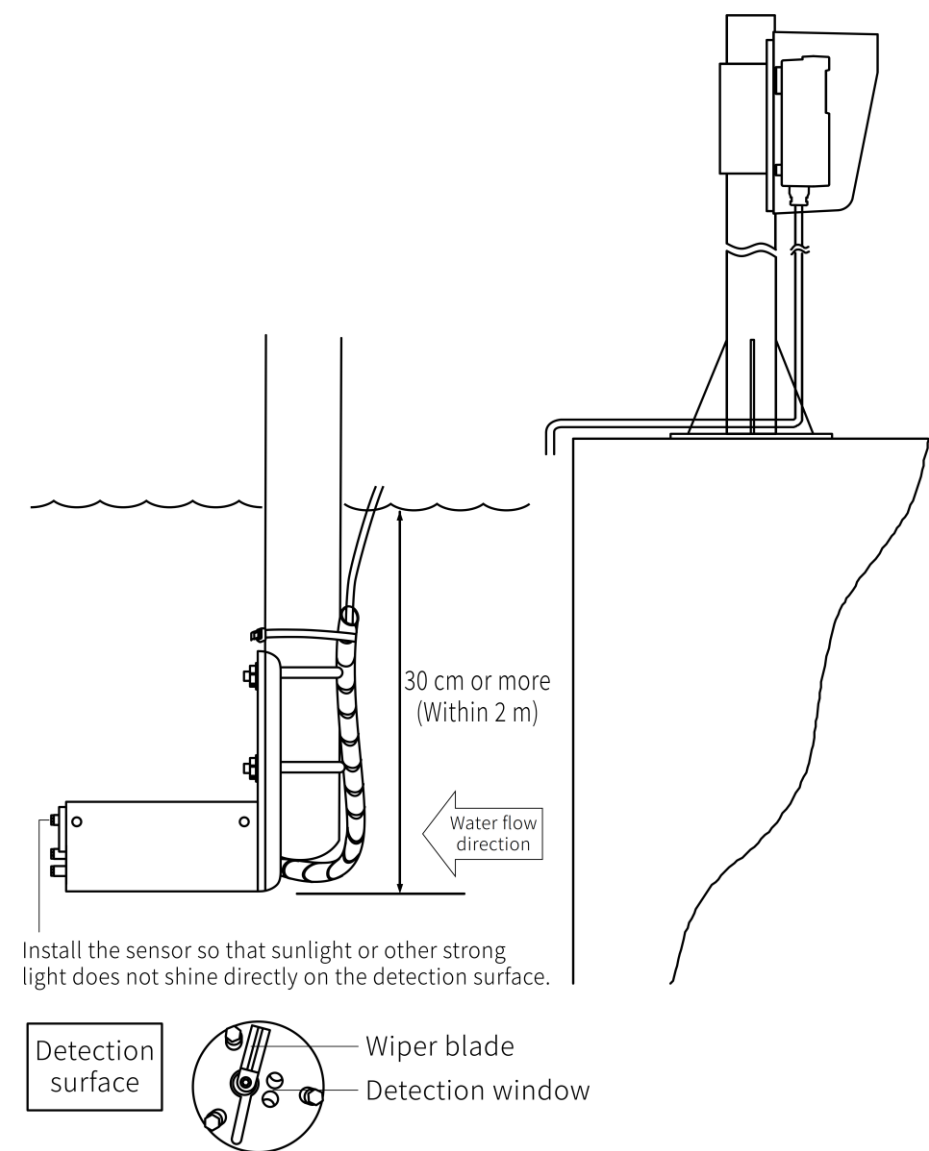
■ Compact size



●The appearance and specifications are subject to change for improvement without prior notice. ●The colors might be slightly different from the actual product. ●Safety Precautions: Read the instruction manual carefully and thoroughly before using the appliance, and then use it correctly. ●The product has a limited life. Maintenance and replace it regularly.

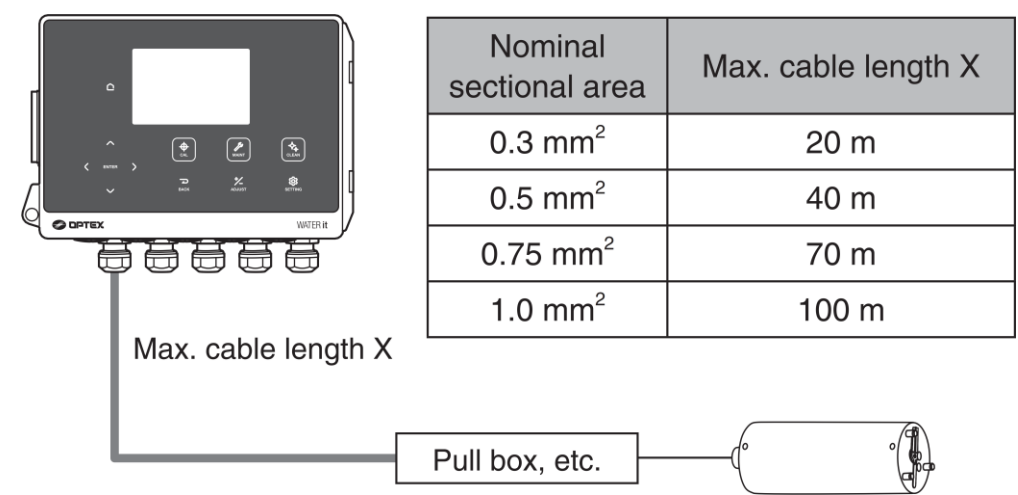
OPTEX CO., LTD.
5-8-12, Ogoto, Otsu, Shiga, 520-0101 Japan
Tel.+81-77-579-8680 Fax.+81-77-579-8199
www.optex.co.jp/e/

Recommended installation example



Extension of sensor cable

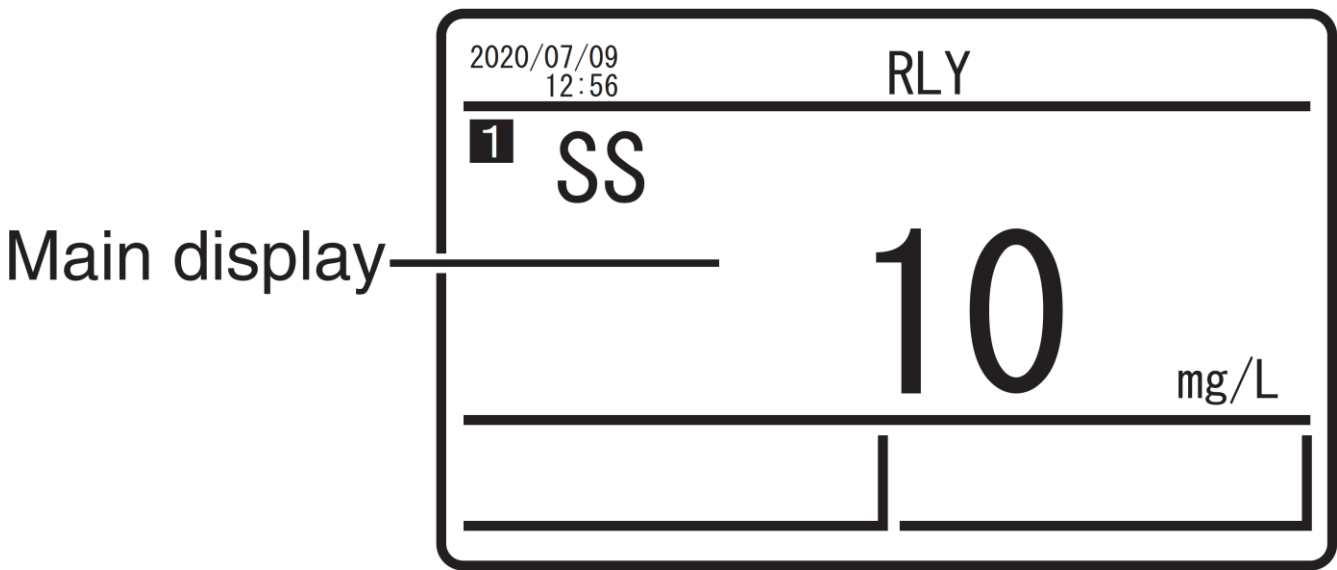
The standard length of the sensor cable is 9 m. To extend the cable, refer to the following. To extend the cable, connection using pull box is recommended.



The cable clamp fits the cable sheath diameter of 6 to 8 mm.

Display item

Set the unit of turbidity to show on the SC-U1 display.



	Measurement item	Display item		Factory default setting
		item	Unit	
Main display	Suspended solids	SS	mg/L	SS mg/L
		SS	No unit	

Installation and setting instructions can be found in the website instruction manual below.

TS-Mx-D
Instruction Manual
<http://navi.optex.net/manual/05338/?lang=en>



SC-U1(E)
Installation Manual
<https://navi.optex.net/manual/05324/en/index.html?type=installationmanual>



Operation Manual
<https://navi.optex.net/manual/05324/en/index.html?type=operationmanual>

