

New transmitter which provides excellent usability and operability

- Our multiple sensors can be connected



Universal transmitter **SC-U1(E)**

■ Two sensors can be connected.

Up to 2 more sensors can be installed using output expansion board: SC-U-EB.

■ 4-20 mA output

The measurement value can be output at 4-20 mA.
2 channels can be output.

■ Relay output

■ Water jet proof type (IP65)

Our sensors line-up that can be connected

Turbidity
TC-3000-D



Turbidity
TSC-10-D



Suspended solids
TS-1000-D



Suspended solids
TS-Mx-D



Color and Turbidity
TDC-Mi



Dissolved Oxygen
DOS-20



pH
SE-pH-D



ORP
SE-ORP-D



Conductivity
SE-Cond-D



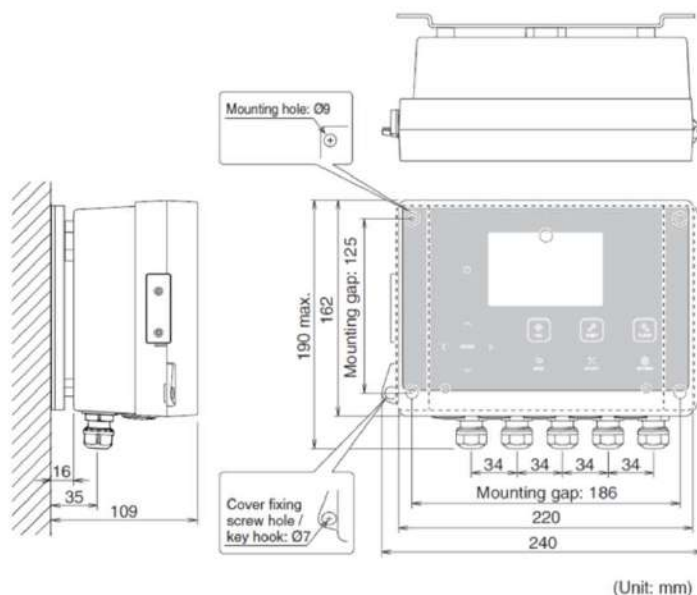
Universal transmitter

SC-U1(E)

Specifications

Description	Universal transmitter
Model	SC-U1(E)
Power input	AC100 ~ 240V $\pm$ 10% 50/60 Hz
Power consumption	1 sensor installed: 20 VA max. (normal), up to 35 VA 2 sensors installed: 25 VA max. (normal), up to 40 VA 4 sensors installed (using SC-U-EB): 30 VA max. (normal), up to 50 VA (analog signal output 20 mA)
Output	Output Signal: 2 channels Using SC-U-EB: 4 channels 4-20 mA (resistance load 600 Ω max.)
	Relay output: 4 channels Using SC-U-EB: 8 channels Non-voltage C contact (Capacity: 240 VAC, 1A resistance load)
Input	Sensor: 2 channels SC-E-UB used: 4 channels
	Gateway: 1 channel
Operating temperature	-20 to 50° C, Humidity 95%Rh or less (Avoid direct sunlight)
Main material	Polycarbonate
Dimensions	Approx. 162(H) x 240(W) x 109(D) mm
Weight	Approx. 1.8 kg (including mounting bracket)
Degree of protection	IP65 (jet proof type)

Dimensions



Optional items

Sensor input expansion/output expansion board: SC-U-EB

You can add 2 channels of sensor, 2 channels of 4-20 mA output, and 4 channels of relay output when attaching this to SC-U1(E).



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

OPTEX PINNACLE INDIA PVT. LTD.

FF-11, Paras Downtown Center, Sector 53,
Golf Course Road, Gurgaon, Haryana - 122002
Tel.+91-124-4035708, +91-9899701401
<http://www.optexpinnacle.com>
Email: p-verma@optex.in

OPTEX CO., LTD.

5-8-12, Ogoto, Otsu, Shiga, 520-0101 Japan
Tel.+81-77-579-8680 Fax.+81-77-579-8199
<http://www.optex.co.jp/env/eng/>