



Electro Optical Components, Inc.

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UV Radiometer 2.0

GUVx-T1xGS2-I4LW8



Description

Water Enviroments(10Bar), Display : Absolute Power, Output of Display : Relay, 4-20mA Current

Constitution

Display, Sensor Probe, 5m Cable

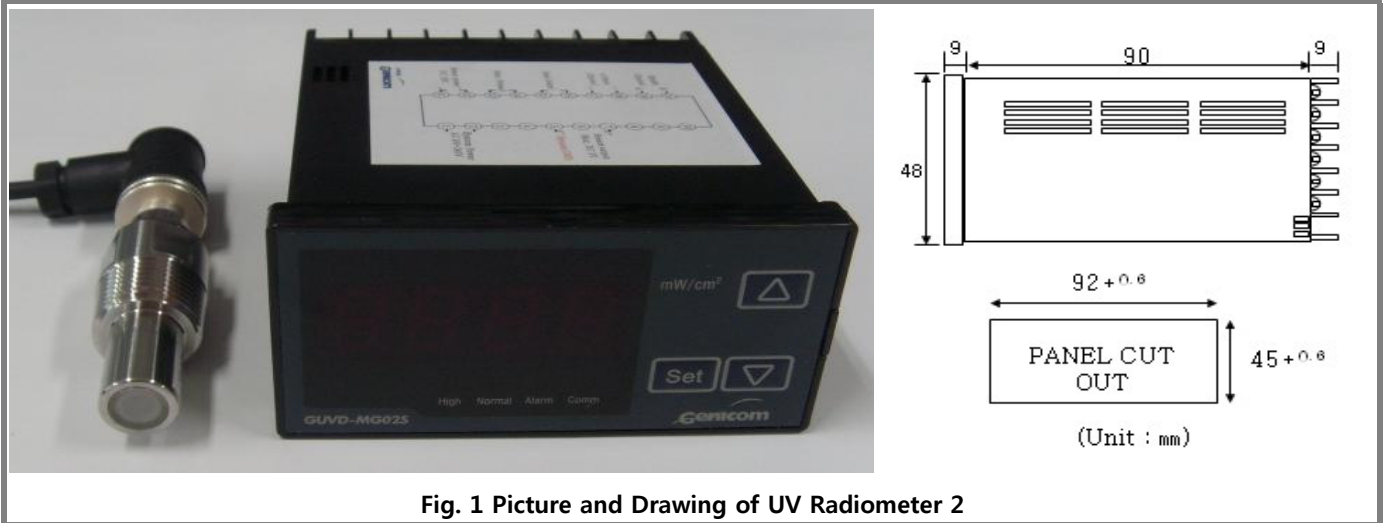


Fig. 1 Picture and Drawing of UV Radiometer 2

Case dimensions

| Thread/Length for Mounting | Diameter (mm) | Window (mm) | Wrench Size (mm) | Length (mm) | Weight (g) | Material |
|----------------------------|---------------|-------------|------------------|-------------|------------|-----------|
| NPT1/2" / 13 mm | 14 | 10 | 20 | 67 | 72 | STS 316-L |

Absolute Maximum Ratings

| Parameter | Value | | | Unit | Remark |
|-----------------------|-------|------|------|------|--------------|
| | Min. | Typ. | Max. | | |
| Operating Temperature | -30 | | 85 | °C | Sensor Probe |
| | 0 | | 50 | °C | Display |
| Power Consumption | | | 5 | VA | |

Electro-Optical Characteristics (at 25 °C)

| Parameter | Value | Value | | | Unit | Remark |
|----------------------------|-------------------|-------|------|------|--------------------|--------|
| | | Min. | Typ. | Max. | | |
| Detection Wavelength Range | GUVV-T11GS2-I4LW8 | 230 | | 395 | nm | |
| | GUVB-T12GS2-I4LW8 | 220 | | 320 | nm | |
| | GUVC-T11GS2-I4LW8 | 220 | | 280 | nm | DVGW |
| Detection Power Range | | 0 | | 100 | mW/cm ² | |

* Maximum of detection power : 20 mW/cm² (Option), 100 mW/cm² (Standard), 1000 mW/cm² (Option)

Connection (Backside of Display)

1. Main Power : 1 & 2, AC 100 ~ 240 V 50/60 Hz
2. Sensor Probe : 11(Vcc), 12(GND), 6(Sensor output), 5(GND)
3. Relay : 13 & 14 (Normal), 15 & 16 (Alarm)
4. 4-20 mA Current Output : 17(+), 18(-)