



▶ UV Sensor Probe – LW Series



▪ Features

- Water Environment (<10 bar)
- Single Supply Voltage, 0-5V Voltage Output
- Single Supply Voltage, 4-20mA Current Output

▪ LW Series (Water Environment, STS 316-L)

| Feature | Name | Thread/Length for Mounting | Diameter (mm) | Window (mm) | Length (mm) | Power (V) | Output | Max. Power |
|----------|-------|----------------------------|---------------|-------------|-------------|------------|-----------|------------------------|
| General | LW10 | PT3/4", 16 mm | 30 | 7 | 62 | 9 ~ 24 VDC | 0 ~ 5 VDC | 100 mW/cm ² |
| Small | LW5.0 | PT 1/4", 12 mm | 21 | 7 | 63 | 9 ~ 24 VDC | 4-20 mA | 100 mW/cm ² |
| | LW5.1 | FT 1/4", 12 mm | 21 | 7 | 63 | 9 ~ 24 VDC | 4-20 mA | 100 mW/cm ² |
| Housing | LW6 | M36 × 1.5p, 12 mm | 32 | 24 | 96 | 9 ~ 24 VDC | 4-20 mA | 100 mW/cm ² |
| Vicinity | LW8 | NPT1/2", 12 mm | 14 | 10 | 67 | 9 ~ 24 VDC | 4-20 mA | 100 mW/cm ² |
| Parallel | LW11 | PT 1 1/4", 21 mm | 42 | 24 | 81 | 9 ~ 24 VDC | 0 ~ 5 VDC | 100 mW/cm ² |

▪ Characteristics

| Parameter | Min. | Typ. | Max. | Unit | Remark |
|-----------------------|------|------|------|--------------------|--------|
| Supply Voltage | 6 | 24 | 26 | V | DC |
| Detection Power Range | 0 | | 100 | mW/cm ² | |

▪ Product list

| Model No. | Detection Range | Output | Application |
|------------------|-----------------|---------|------------------------------------|
| GUVV-T11GC-3LWx | 230 ~ 395 nm | 0 ~ 5 V | UV Cure, UVA Lamp monitoring |
| GUVV-T11GC-I2LWx | | 4-20 mA | |
| GUVB-T12GC-3LWx | 220 ~ 320 nm | 0 ~ 5 V | UVB lamp monitoring |
| GUVB-T12GC-I2LWx | | 4-20 mA | |
| GUVV-T11GC-3LWx | 220 ~ 280 nm | 0 ~ 5 V | Sterilization, UVC lamp monitoring |
| GUVV-T11GC-I2LWx | | 4-20 mA | |