



# Illuminance(LUX) Transmitter

## LXT-401

Model : LXT-401A.....Current Output Type

Model : LXT-401V.....Voltage Output Type

IP65  CE  RoHS

- Available with either current (4 to 20mA) or voltage output
- On-site, Two points calibration (Zero and Span)
- Weather resistant housing and prevents the trapping of water or dust
- Silicon photo sensor provide good match to light spectrum and long-term stability
- User selectable range in 0 ~ 200,000 LUX, with fine adjustment
- Mounts easily, Low cost



## Applications :

Greenhouses, Agriculture, Animal / Poultry housing, Shade installations, Brightness-Dependent control of artificial light, Quality control, Building automation, Meteorology...etc

## Specifications of LXT-401

<b>Measuring Range</b>	0....200,000 LUX / 0....20,000 FC Three range selectable : 0 ~ 2,000 / 0 ~ 20,000 / 0 ~ 200,000 LUX
<b>Output Signal</b>	LXT- 401A : 4...20mAdc Two wire LXT- 401V : 0...1V, 0...2V, 0...5V, 0...10Vdc
<b>Accuracy (at 25°C)</b>	±3%(Test by standard incandescent lamp of 2856°K)
<b>Sensitive Element</b>	Silicon photo sensor, with filter
<b>Response Time (T90)</b>	Approx. 300ms
<b>Fine Adjustment</b>	Zero and Span adjustable on each range by separated potentiometer
<b>Power Supply</b>	DC 9 ~ 32 V, >150mA
<b>Ambient Temperature</b>	- 40 to + 65°C
<b>Housing</b>	ABS Plastic watertight enclosure
<b>Connection Cable Gland</b>	Watertight nylon gland, Cable bushing: Ø5~10mm cables
<b>Shape</b>	Main transmitter : Ø90×54mm Detector : Ø36.5- Ø72×56mm, Light Reception: Ø16mm
<b>Cable of Remote Sensor</b>	Length : 2 meter, cable length can be customized
<b>Approvals</b>	IP65, CE, RoHS

\*Specifications are subject to change without notice.

## Ordering Information

<b>LXT-401AS</b>	Illuminance transmitter current output type
<b>LXT-401VS</b>	Illuminance transmitter voltage output type