



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

Measuring Range	0....200,000 LUX / 0....20,000 FC Three range selectable : 0 ~ 2,000 / 0 ~20,000 / 0 ~ 200,000 LUX
Output Signal	LXT- 401A : 4...20mAdc Two wire LXT- 401V : 0...1V, 0...2V, 0...5V, 0...10Vdc
Accuracy (at 25°C)	±3%(Test by standard incandescent lamp of 2856°K)
Sensitive Element	Silicon photo sensor, with filter
Response Time (T90)	Approx. 300ms
Fine Adjustment	Zero and Span adjustable on each range by separated potentiometer
Power Supply	DC 9 ~ 32 V, >150mA
Ambient Temperature	- 40 to + 65°C
Housing	ABS Plastic watertight enclosure
Connection Cable Gland	Watertight nylon gland, Cable bushing: φ5~10mm cables
Shape	Main transmitter : φ90×54mm Detector : φ36.5- φ72×56mm, Light Reception: φ16mm
Cable of Remote Sensor	Length : 2 meter, cable length can be customized
Approvals	IP65, CE, RoHS

※Specifications are subject to change without notice.

Ordering information

LXT- 401AS	Illuminance transmitter current output type, Sensor separately
LXT- 401VS	Illuminance transmitter voltage output type, Sensor separately