



LIGHT LEVEL

Light Level Sensors & Transmitters

The A/LLS and A/LLS-T light level sensors and transmitters are used for applications such as turning on or off indoor or outdoor lighting based upon the amount of available light. The sensor can be mounted in a NEMA 3R rated enclosure. In darkness, the sensor has a resistance in excess of 1M ohms, versus a resistance of less than 1.5K ohms in bright light. The A/LLS-T incorporates a transmitter with the sensor to produce a non-linear 4-20 mA output signal. The A/LLS-T is calibrated for 4 mA in darkness and 20 mA in bright Light.





SPECIFICATIONS

Supply Voltage	24 to 35 VDC
Maximum Current Draw	25 mA
Input Impedance	150KΩ
2 Foot Candle Resistance	12KΩ
Maximum Load Resistance (4-20 mA)	500Ω
Operating Temperature Range	-40 to 70°C (-40 to 158°F)
Operating Humidity Range	0-95% Relative Humidity, non-condensing
Product Dimensions	(L) 2.82" (W) 2.25" (H) 4.58" (Sensor fits 1/2" Knockout)

ORDERING

Please select one Sensor Type (A). If "LLS" was selected as a Sensor (A), Proceed to (B). If "LLS-T" was selected, your part number is finished.

A Sensor

- A/LLS (Light Level) (Complete B)
- A/LLS-T (0-100) (Foot Candles for Indoor Lighting) (with BB Enclosure)
- A/LLS-T (0-500) (Foot Candles for Outdoor Lighting) (with BB Enclosure)

B LLS Enclosure

- (No Enclosure) (Standard)
- BB (Bell Box)

BUILD PART NUMBER

After completing (A) & (B) from the above table, fill in the Part Number Table below. An example part number is offered.

A	B
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EXAMPLE: A/LLS - BB

