

ALO-U-2K, ALO-U-4K, ALO-U-20K, ALO-U-50K

Outside Light Level Sensor

Installation Instructions & Data Sheet

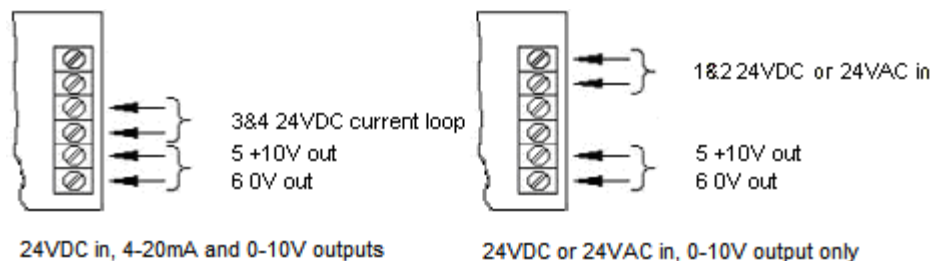


(Typical image for illustration purposes only)

Installation

1. Choose an accessible location for the sensor which is a good representation of the light conditions in the area to be monitored. Avoid locating the sensor where it will be subject to direct sunlight, strong artificial lighting or dark shadowed locations. Temperature must not exceed -25°C to $+70^{\circ}\text{C}$ or humidity 0% RH to 95% RH.
2. Fix the housing to a wall using 2 x 4mm (galvanised steel or brass) using the mounting holes (85mm centre to centre) on the enclosure. Make sure the cable entry gland is pointing towards the ground.
3. Remove the lid by turning it in an anti clockwise direction being careful not to pull the lid too far from the main body due to the attached red sensor cable. Raise the internal circuit board slightly to disconnect the red sensor cable from the circuit board.
4. Insert cable through the gland and connect as per diagram below.
5. Reconnect red sensor cable to the circuit board.
6. Replace the lid turning in a clockwise direction.

Wiring Details



Range :	ALO-U-2K	10 – 2000 Lux
	ALO-U-4K	10 – 4000 Lux
	ALO-U-20K	10 – 20000 Lux
	ALO-U-50K	0 – 50000 Lux
Output :	4–20 mA/0-10VDC	

