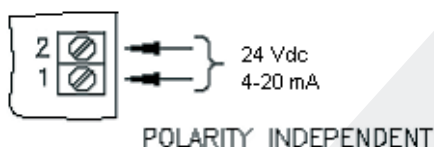


ALO/2K, ALO/4K, ALO/20K Outside Light Level Sensor

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°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. Remove the orange terminals from the circuit board to ease cable connection.
5. Insert cable through the gland and connect as per diagram below.
6. Replace orange terminals and reconnect red sensor cable to the circuit board.
7. Replace the lid turning in a clockwise direction.

Wiring Details



Range :	ALO/2K	10 – 2000 Lux
	ALO/4K	10 – 4000 Lux
	ALO/20k	10 – 20000 Lux
Output :	4 – 20 mA	

No liability can be accepted for any errors or omissions in relation to the equipment and its application.
© Able Instruments & Controls Limited 2005. Reproduction by any means in whole or part is strictly forbidden without express written permission.

Reading Office

Cutbush Park, Danehill, Lower Earley,
Reading, Berkshire. RG6 4UT. UK.
Tel: +44 (0)118 9311188
Email: info@able.co.uk

Aberdeen Office

Unit 6 Airside Business Park, Kirkhill Industrial Estate,
Dyce, Aberdeen. AB21 0GT. UK.
Tel: +44 (0)1224 725999
Email: ab@able.co.uk

Internet: www.able.co.uk
e-procurement: www.247able.com
Registered in England No: 01851002
VAT No: GB 417 2481 61

