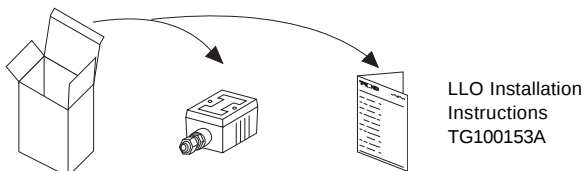


Outside Light Level Sensor

Important: Retain these instructions



UNPACKING



Installation

① Dimensions

② Requirements

a

b

c

d

N
(north)

e

-25 °C → +70 °C
-13 °F → +158 °F

✓

0 %RH → 95 %RH

✓

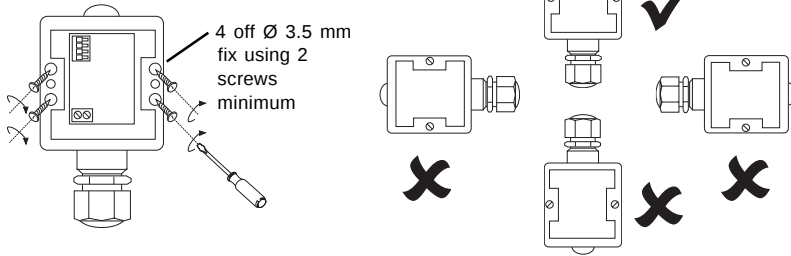
Protection :IP65 (NEMA 4)

③ Remove Lid

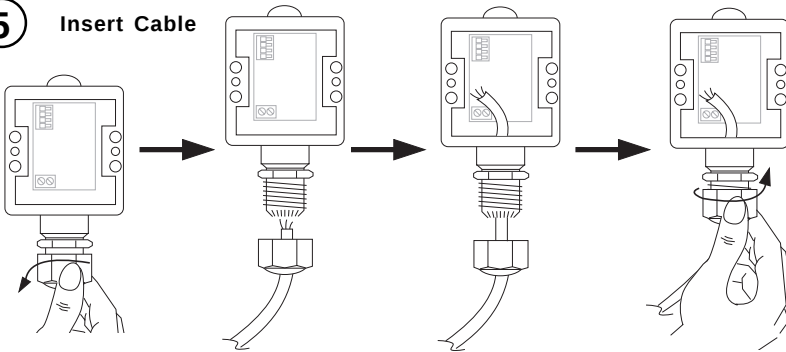
undo 2 screws

Installation (continued)

4 Mount on Wall

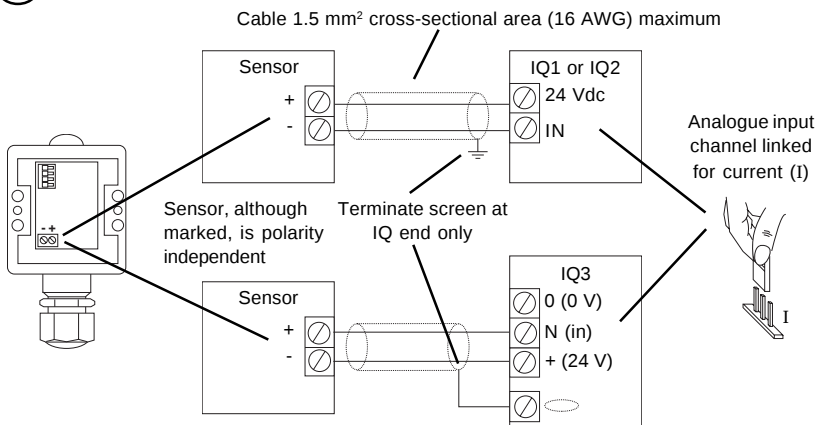


5 Insert Cable



Note that IP65 rating is only achieved if the sensor is correctly installed with cable gland fully tightened.

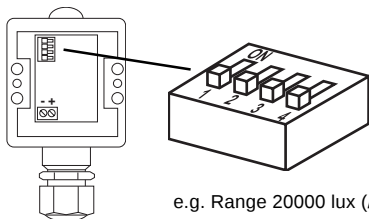
6 Wire to Controller



Installation (continued)

7 Set up Range

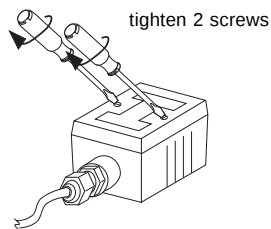
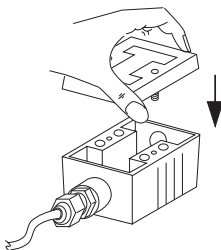
(if required to change from range supplied)



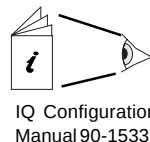
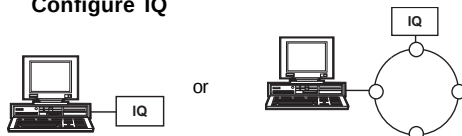
e.g. Range 20000 lux (/20K)

sw1	sw2	sw3	sw4	Range (lux)
On	On	On	On	1000
Off	On	On	On	2000
Off	Off	On	On	4000
Off	Off	Off	On	8000
Off	Off	Off	Off	20000

8 Replace Lid



9 Configure IQ



Installation (continued)

10

Set up IQ Sensor types

It is recommended to use SET (Software Tool) for the setting of the sensor type module. For all IQ2 series controllers with firmware version 2.1 or greater, or IQ3 series controllers, the following SET Unique Sensor References should be used:

2k Light I (2000 lux)
4k Light I (4000 lux)
20k Light I (20000 lux)

Alternatively (or for other ranges) enter scaling manually as defined in the table below. For all other IQ controllers see Sensor Scaling Reference Card TB100521A.



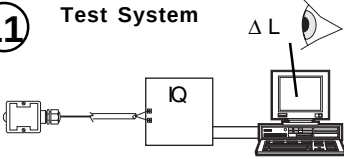
Yx<CR>
 TYPEx
 :
 =?
 S=5(characterise)
 Y=, E=, U=, L=, I₁=, I₂=, O₁=, O₂=
 X <CR>

type Sensor digI/P Driver Function loGic Loop scHedule seQnc Analog
 digBit Knob sWitch Time Zone Oss User addRes intcoN calarM reView Plot
 calEndar
 = ?

Range (lux)		1000	2000	4000	8000	20000
Y	input type	2 (current)				
E	Exponent	4	4	5	5	5
U	Upper	1000	2000	4000	8000	20000
L	Lower	0	0	0	0	0
P	Points	2				
x	lx	Ox				
1	4	0	0	0	0	0
2	20	1000	2000	4000	8000	20000

11

Test System



Note typical values:

15 to 20 lux dusk
 2000 lux reasonable daylight
 20000+ lux bright sunlight
 (>20000 saturates sensor)

Disposal



WEEE Directive :

At the end of their useful life the packaging and product should be disposed of via a suitable recycling centre.

Do not dispose of with normal household waste.
 Do not burn.

Manufactured for and on behalf of the Environmental and Combustion Controls Division of Honeywell Technologies Sàrl, Ecublens, Route du Bois 37, Switzerland by its Authorized Representative, Trend Control Systems Limited.

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