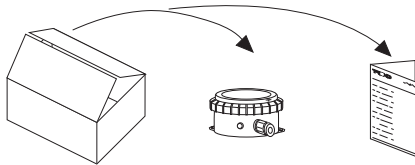


# PRT Outside Air Temperature Sensor

**Important: Retain these instructions**



## UNPACKING



T/PO Installation  
Instructions TG200241A

## Installation

**1 Dimensions**

57 mm (2.24")      97 mm (3.82")

105 mm (4.13")

domed brass probe

**2 Requirements**

a      b

c      d

e      f

g

ambient limits  
-40 °C → +50 °C  
(-40 °F) → (+122 °F) ✓

measurement range  
-30 °C → +50 °C  
(-22 °F) → (+122 °F)

0 %RH → 95 %RH ✓  
Protection :IP67, NEMA6

**3 Fix to Wall**

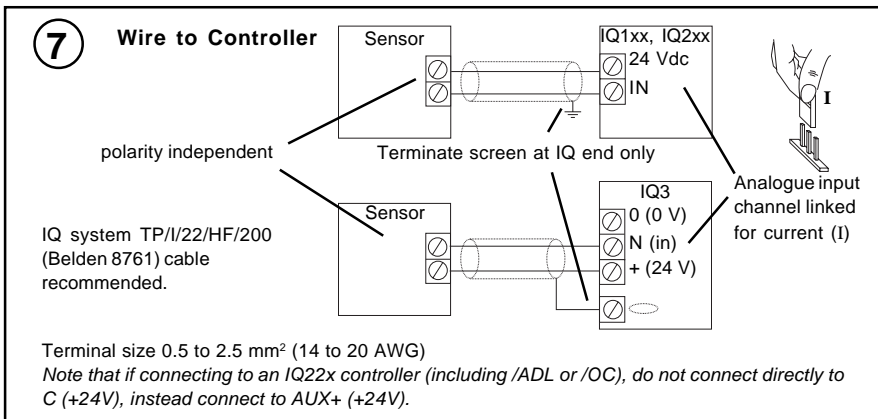
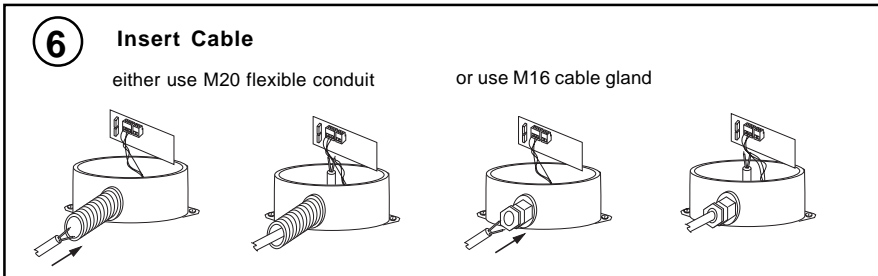
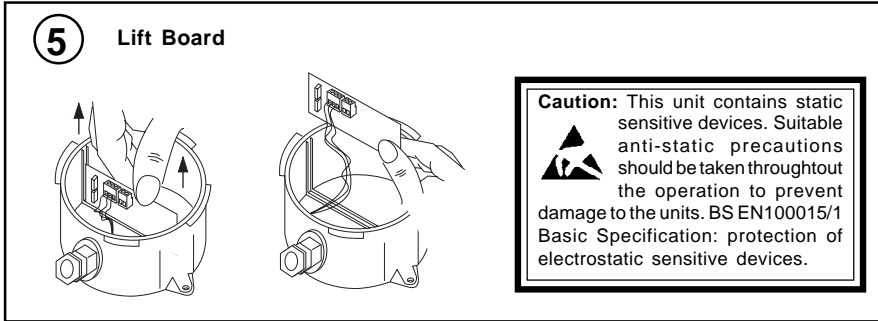
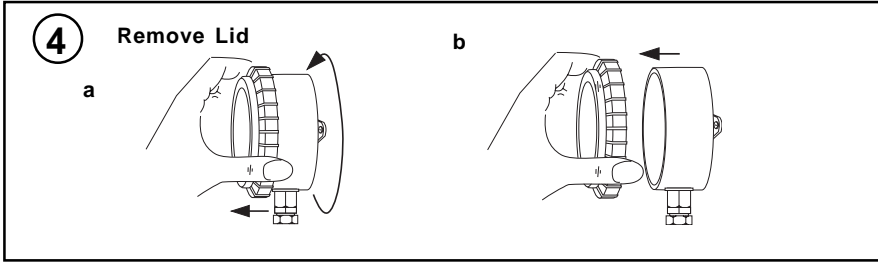
a drill 2 pilot holes

85 mm (3.35")

b tighten screws

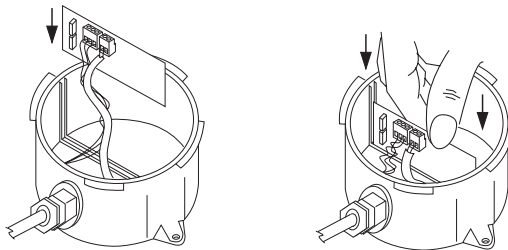
2 off No 6 (M3.5) screws

Installation (continued)

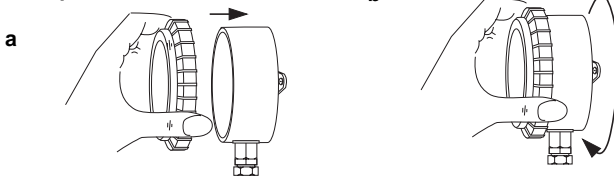


Installation (continued)

**8** Replace Board

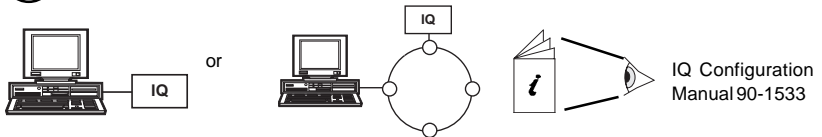


**9** Replace Lid



*Note that IP67 (NEMA6) rating is only achieved if the sensor is correctly installed with cable or conduit connection fully tightened.*

**10** Configure IQ



Installation (continued)

**11 Set up IQ Sensor Type**

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, select the appropriate SET Unique Sensor Reference from the following:

**PRT I -40+50 (°C)**  
**PRT I -40+122 F (°F)**

Alternatively enter scaling manually as defined in table below. For all other IQ controllers see Sensor Scaling Reference Card TB100521A



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


Yn<CR> = ?  
 TYPE n  
 :=?  
 S=5(characterise)  
 Y=, E=, U=, L=, P=, I<sub>1</sub>=, I<sub>2</sub>=, O<sub>1</sub>=, O<sub>2</sub>=  
 X <CR>

<b>Y</b>	input type	2 (current)	
<b>E</b>	Exponent	3	
	Units	°C	°F
<b>U</b>	Upper	50	122
<b>L</b>	Lower	-40	-40
<b>P</b>	Points	2	2
<b>x</b>	Ix	Ox	Ox
<b>1</b>	4	-40	-40
<b>2</b>	20	50	122

**12 Test System**



**Disposal**



**WEEE Directive :**

At the end of their useful life the packaging and product should be disposed of by 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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