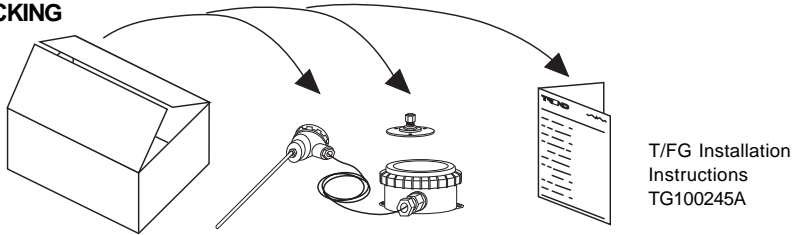


Flue Gas Temperature Sensor

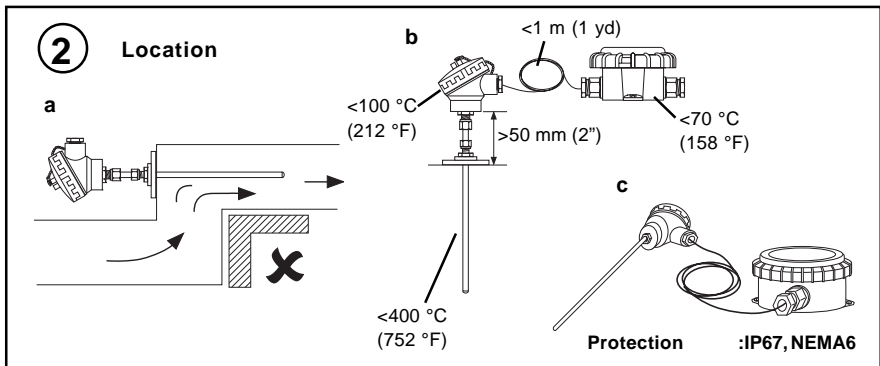
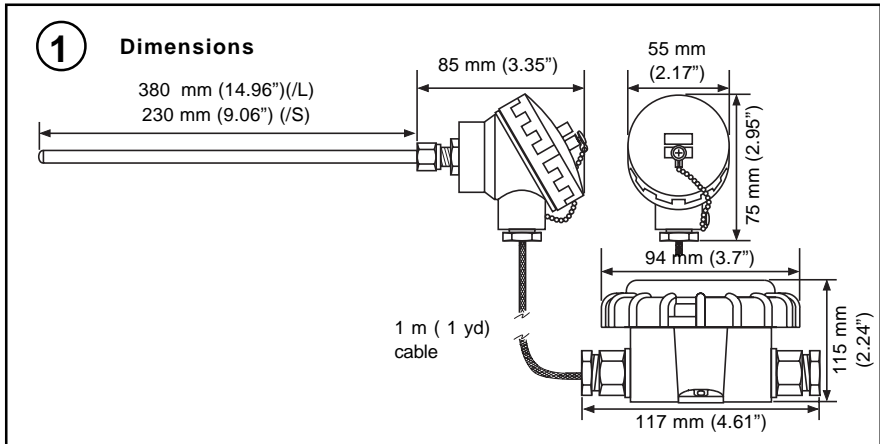
Important: Retain these instructions



UNPACKING

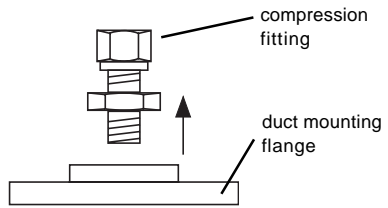
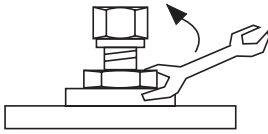


INSTALLATION



INSTALLATION (continued)

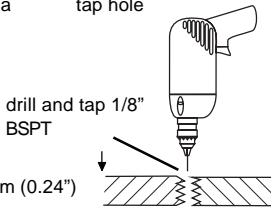
3 Separate compression fitting



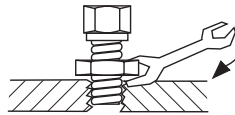
4 Mount sensor

either (for thicker material)

a tap hole

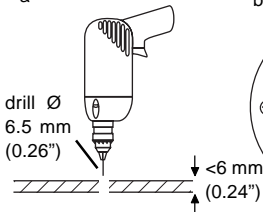


b screw in fitting

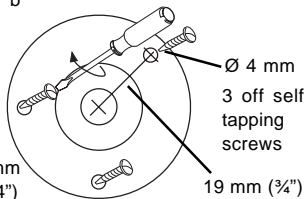


or (for thinner material)

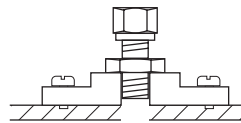
a



b

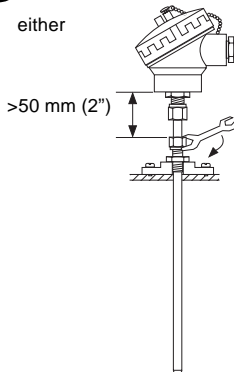


c

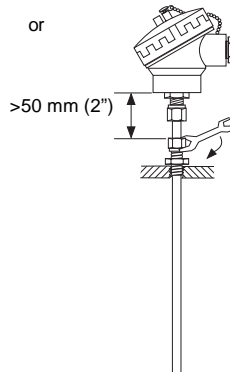


5 Adjust depth of probe

either



or



INSTALLATION (continued)

6 Mount Electronics housing

2 x No.6 (M3.5) screws

85 mm (3.35")

7 Remove lid

a

b

8 Insert cable through gland

a

b

9 Wire to Controller

Sensor

5

4

3

2

1

IQ

SIG

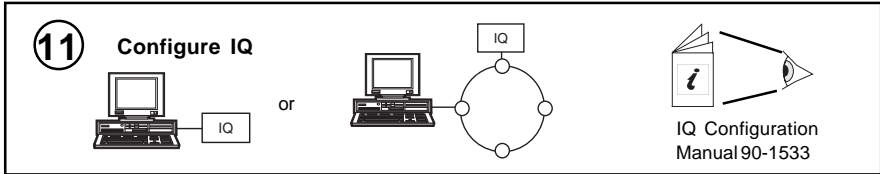
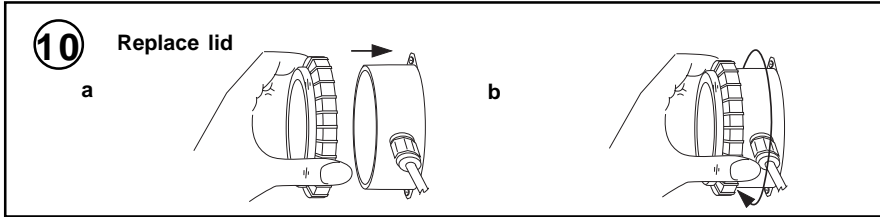
24 Vdc

Analogue input channel linked for current (I)

Terminate screen at IQ end only

Note that if connecting to an IQ22x controller (including /ADL or /OC), do not connect to C (+24V), instead connect to AUX+ (+24V).

INSTALLATION (continued)



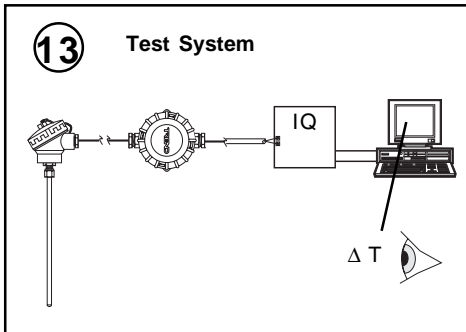
12 **Set up IQ Sensor type**

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 use the following SET Unique Sensor Reference:

PRT I 0+400 (°C)

Alternatively, and for fahrenheit scaling, enter scaling manually as defined in the adjacent table with scaling mode 5 (characterise). For all other IQ controllers see the Sensor Scaling Reference Card TB100521A.

Units	Y	E	U	L	P	I1	I2	O1	O2
°C	2	4	400	0	2	4	20	0	400
°F	2	4	752	32	2	4	20	32	752



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 reserves the right to revise this publication from time to time and make changes to the content hereof without obligation to notify any person of such revisions or changes.

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