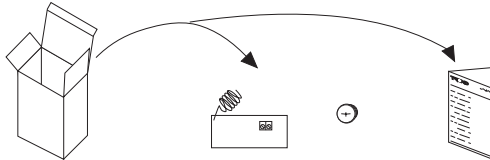


Wireless Plant Temperature Sensor

Important: Retain these instructions



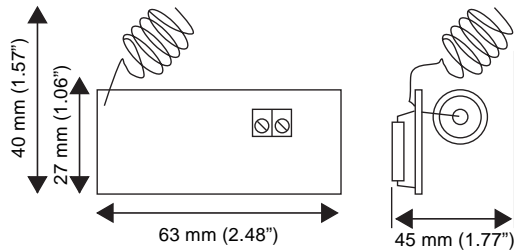
UNPACKING



TW/P Installation
Instructions TG200782

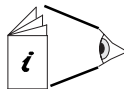
INSTALLATION

1 Dimensions



2 Requirements

- a** Follow the requirements of plant sensor in which board is to be fitted.



TB/TC Installation Instructions TG200726
TE/TC Installation Instructions TG102385



TB/TI/S, TB/TI/L Installation Instructions TG200727
TE/TI Installation Instructions TG102386
TE/TD/S, TE/TD/L Installation Instructions TG102387




TB/TO Installation Instructions TG200725
TE/TO Installation Instructions TG102384


INSTALLATION (continued)

2 Requirements (continued)

b ambient limits (box & electronics)

-10 °C	→	+50 °C	✓
-14 °F		+122 °F	
measurement range			
-30 °C	→	+110 °C	
-22 °F		+230 °F	



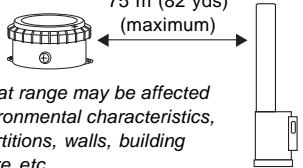
 0 %RH → 95 %RH ✓

Protection IP20 (in box)

Note for ambient limits of probe see plant sensor installation instructions as in 'a' above.

c

75 m (82 yds)
(maximum)

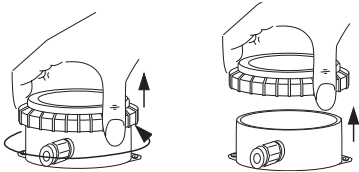


Note that range may be affected by environmental characteristics, e.g. partitions, walls, building structure etc.

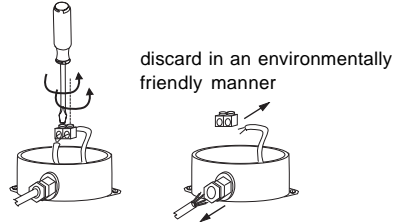
XW/R/IQ

- d**
- Avoid using many other devices on frequency range 433.05 to 434.79 MHz
 - Keep away from sources of interference (e.g. computer >1 m (1 yd), microwave ovens, switch mode power supplies).
 - Mount above partition height if possible.

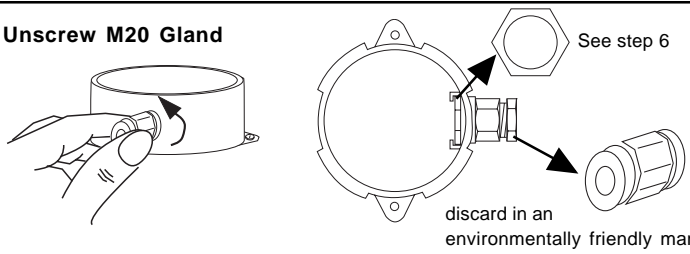
3 Remove Lid



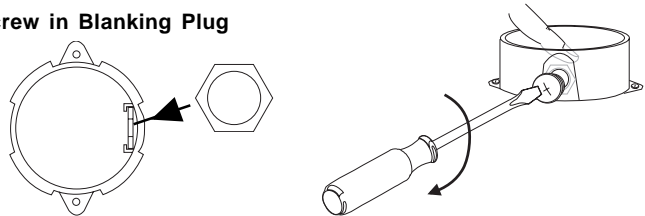
4 Remove terminal block from lead



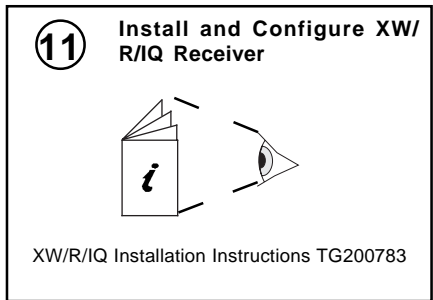
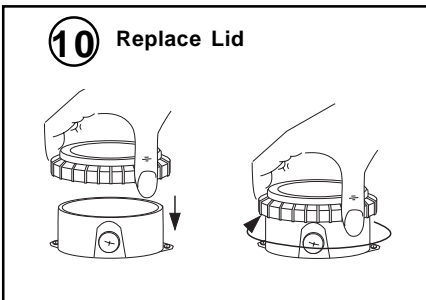
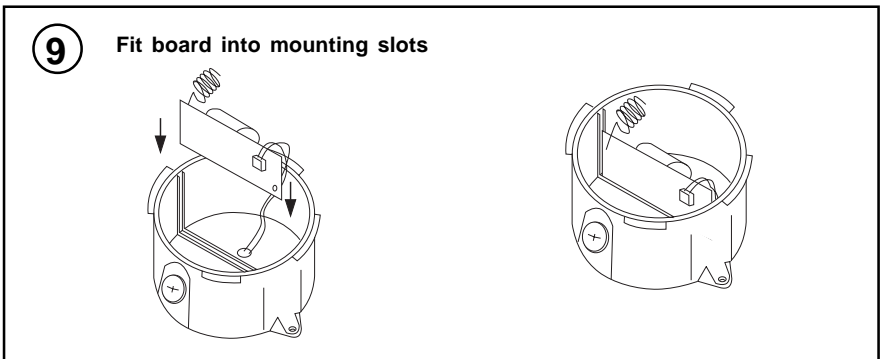
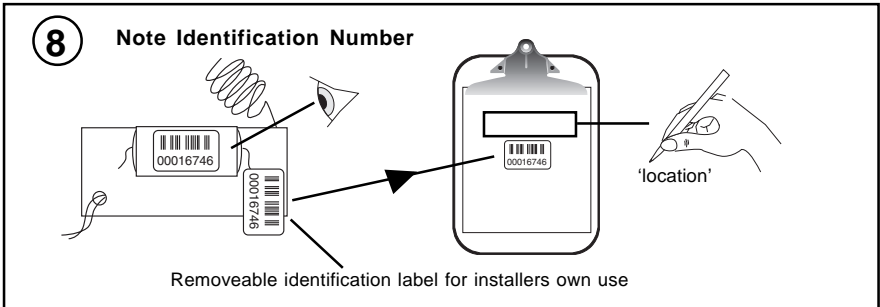
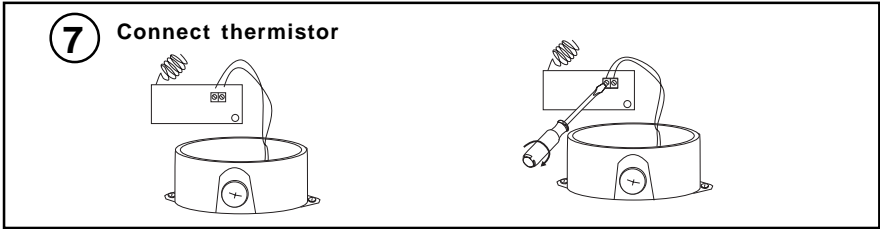
5 Unscrew M20 Gland



6 Screw in Blanking Plug



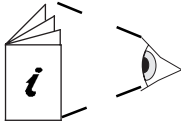
INSTALLATION (continued)



INSTALLATION (continued)

12

Configure IQ



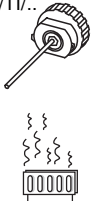
For IQ3 the sensor's target analogue node must be created using SET. An example strategy including decoding of alarm bits is given in the TW/..., PCW/..., XW/R/IQ Data Sheet

TW/..., PCW/..., XW/R/IQ Data Sheet TA200780

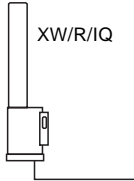
13

Test System

e.g. TB/TI/..



XW/R/IQ



ΔT



Check for alarm bits
 BIT1 : Low Battery
 BIT2 : Sensor fail
 BIT3 : Loss of reception
 see TW/..., PCW/..., XW/R/IQ Data Sheet, for decoding of alarm bits.

MAINTENANCE

The battery has a minimum life of 5 years. If the battery runs down the XW/R/IQ receiver will set an alarm bit in the status data sent with the value. This corresponds to bit 1 (Low alarm). When the battery has run down, the unit should be returned to the IQ system supplier for battery replacement.

DISPOSAL



WEEE Directive :

At the end of their useful life the packaging, product, and batteries 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.

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