WL4 Wall Sensor 1st Fix Kit

WL4-FIX-KIT

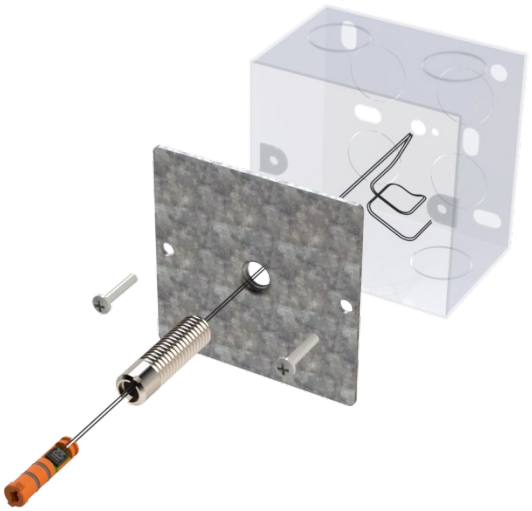
Description

Specifications

Sensor Type:	WL4 Sensors NTC & PT1000
Housing:	UK Back Box, minimum 35mm deep
Finishes:	Metal
Termination:	Cable to be accessible after install
Part No.	WL4-FIX-KIT-10PK

**WL4 Sensor and back box not included*

Patent Application No: 2308506.1



With the WL4 1st Fix kit, you can create a stable and flawless base for the miniature Polar Bear Design WL4 NTC & PT1000 temperature probes. Its exclusive design can be easily installed during the first-fix phase, and it is adaptable to various wall thicknesses. The mounting kit is compatible with a standard square UK back box and offers a secure placement for the WL4 sensor.

The WL4 fixing kit includes a patent pending orange fixing capsule that is used to allow early termination, cable protection and test capabilities.

Kits supplied in pack of 10 (excludes back box & sensor).

The fixing kit is comprised of three primary components: the mount plate, an adjustable threaded pipe and the protection capsule. The mount plate is secured onto a standard UK back box located behind the wall's final surface. The threaded pipe is then installed and rotated to fine-tune the depth of the pipe's tip to match the level of the finished surface. The protection capsule protects the cable and offers a unique way to test the cable.

Once adjusted, the mount plate can be concealed by the final wall finish, leaving only the threaded pipe's tip visible. The threaded pipe can be further tweaked for precise adjustment, and a final coat of filler can be applied to the chamfered edge for a seamless finish.

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WL4 Sensor sold seperatly

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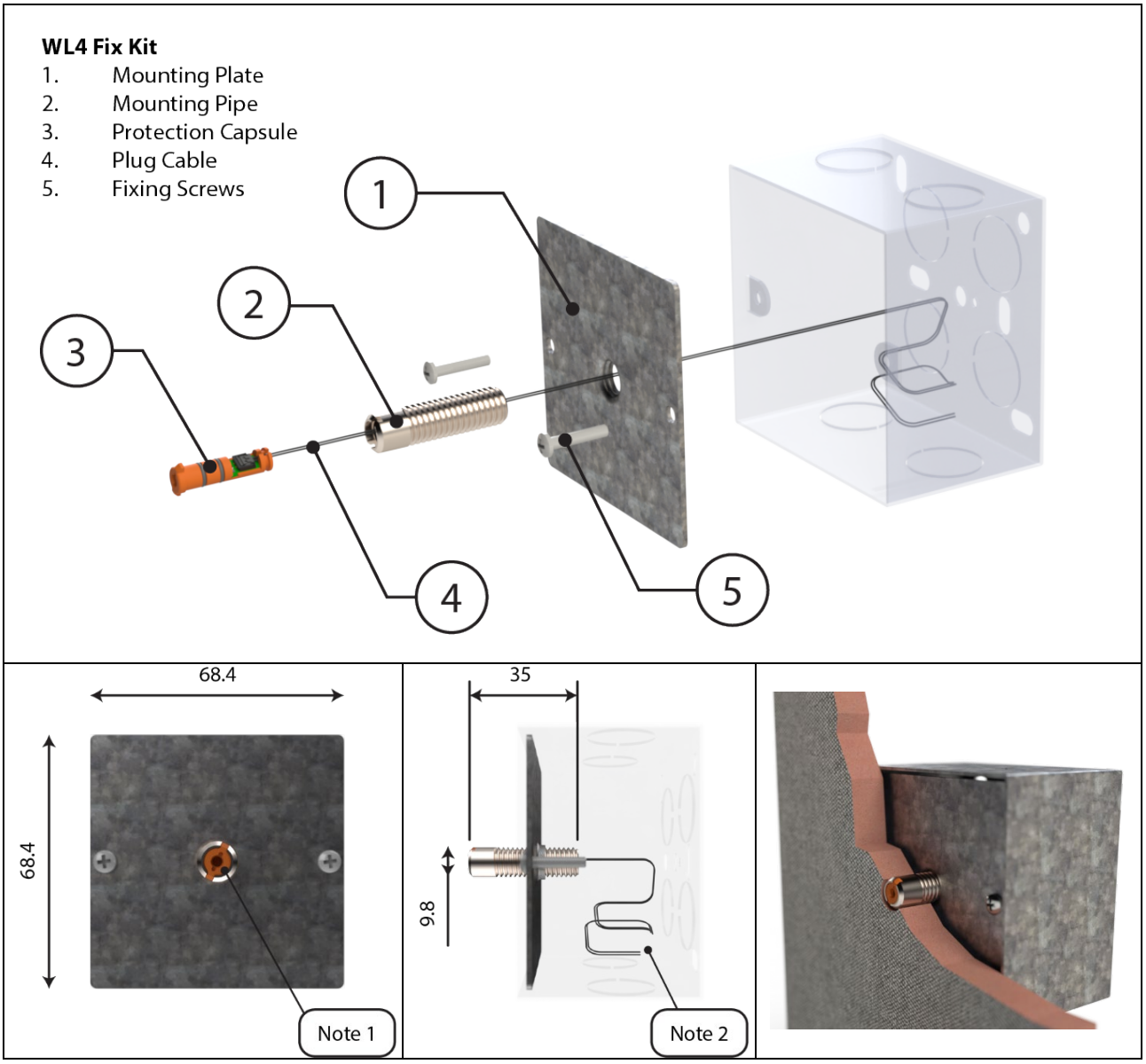
Installation

1) Mounting Plate suitable for installation on UK back box
2) Mounting pipe can be adjusted to finished wall depth *(*optional lengths available)*
3) The capsule:
    a. Early cable termination, with plug and socket feature.
    b. Cable Protection during wall construction.
    c. Cable continuity testing with built in 3k3 resister
4) Pre terminated cable and plug
5) M3.5 fixing screws

Securing field wiring is essential to prevent reverse pulling of the cable, it's crucial to secure the field wiring in place using appropriate methods such as cable ties, clamps, or clips, reducing the risk of movement or strain. Proper cable management practices should always be followed to ensure that wiring is installed securely and safely. Failure to secure the cabling can result in damaging the sensor.



Notes

1) Capsule head
    a. Use flat head screwdriver to adjust depth
    b. Use M3 screw to attach to head to aid removal of capsule
2) Use a terminal connector or splice suited to the gauge of the cable and the sensor tails (28AWG, ⌀0.32mm) e.g. bootlace ferrules (RS 122-5202) & Wago Connector (RS 758-1650)

(10 Apr. 24)