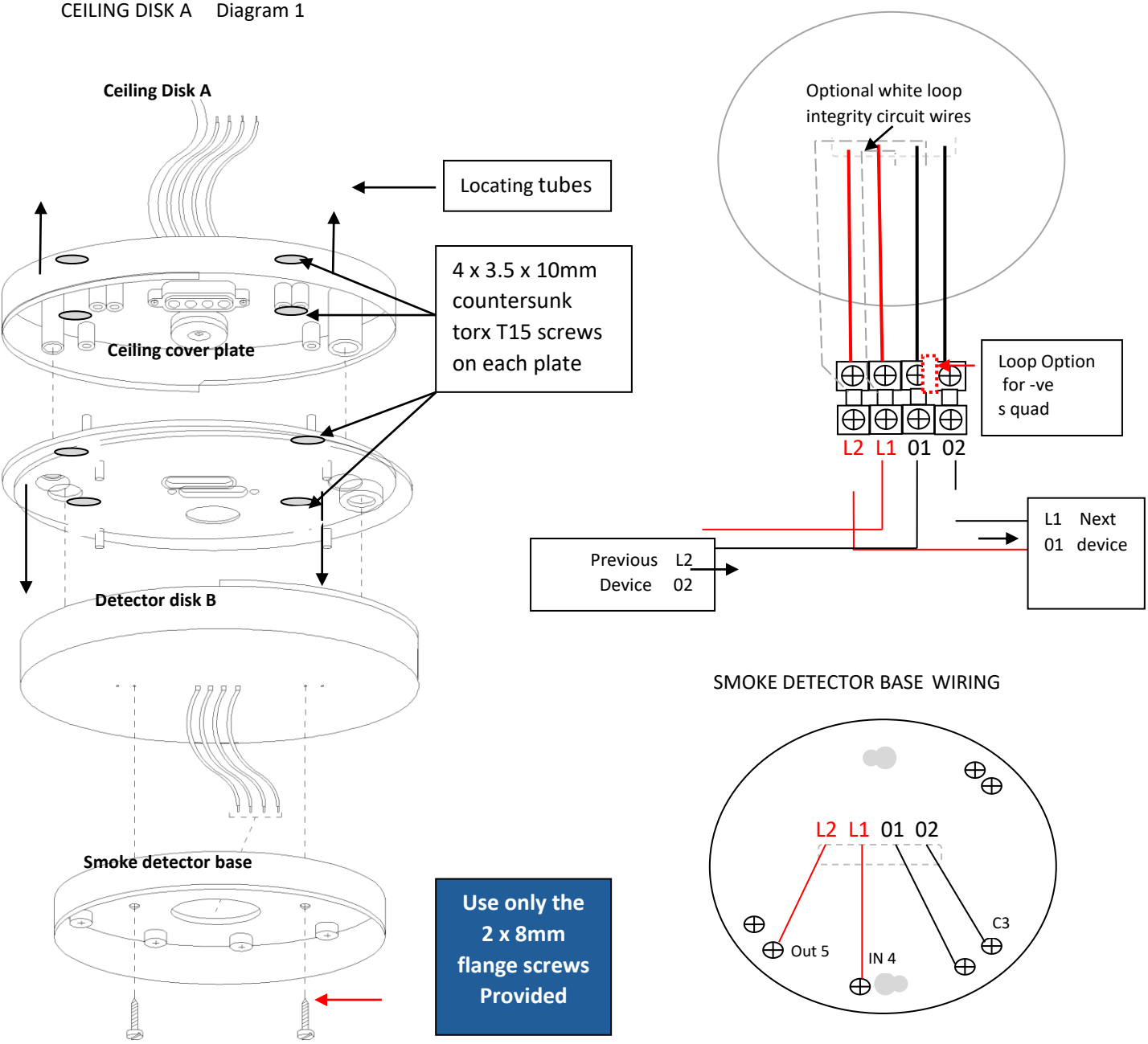
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ALD 302 /L ANTI-LIGATURE SMOKE DETECTOR BASE ASSEMBLY

Assembly Layout
CEILING DISK A Diagram 1

PLEASE READ CAREFULLY BEFORE FITTING DEVICE



SMOKE DETECTOR BASE WIRING

FITTING INSTRUCTIONS

1. Fix Disk A to ceiling or Besa box using strengthened predrilled holes provided only , do not drill additional fixing holes in disk A as this will void any guarantee ,make all necessary wiring connections, and if required, the white loop integrity wires should be connected at this time (Diagram 1). for uneven surfaces on ceilings, fill any gaps around base of Disk A with anti-pick mastic.
2. Do not fix the ceiling cover plate into Disk A until wiring has been checked, once fully in place, any attempt of removal could cause damage to the cover plate or to Disk A and if returned a replacement will be charged for .
3. Connect your smoke detector head base to Disk B using the 2 x 8mm screws provided and make necessary wiring connections.
4. Hold Disk A to Disk B letting the magnets and locating tubes guide the units in place until they click together, they will only connect 1 way.
5. Check all connections and circuits.
6. Finally, separate Disk B from Disk A, and fit ceiling cover plate in to place into Ceiling Disk A , using the 4x 3.5 x 10 mm countersunk Torx 15 screws provided, it is important that the cover plate is fully screwed in place.

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ALD 302 /L ANTI-LIGATURE SMOKE DETECTOR BASE ASSEMBLY

KEY FEATURES OF **NEW ALD302 4 wire Anti Ligature Base**

1. Built in magnetic switch provides loop continuity when multiple items are removed.
2. Anti-tamper ,lip to prevent storage of contraband between base and detector.

SDALS , has announced the introduction of its new and improved Anti-Ligature smoke detector Base (ALD302/L) **Patent No GB2528032**, which is designed to provide more safety within buildings that accommodate individuals who are at risk.

This is a replacement for the original ALD301, 2 wire version. The new redesigned 4 wire version is a direct result of customer feedback and is ideal for environments such as hospitals, prisons, mental health units and other secure facilities that house and support vulnerable people.

When planning the construction or refurbishment of such a facility, it is essential to eliminate points where a cord, rope, or bed sheet can be looped or tied to a fixture in order to create a point of ligature, which may result in self-harm or, in extreme cases, loss of life.

Many fittings that would usually be considered , safe pose a risk of ligature, so products need to be modified to maintain the same functionality yet provide a safe environment.

Equally, devices must not offer an opportunity to hide drugs, knives, razor blades or any other items that could be used for self-inflicted damage.

Sdals has refined the design of its previous version by incorporating an anti-tamper lip, which ensures that contraband cannot be stored within it.

The ALD302 also has a built-in magnetic switch that provides loop continuity even when multiple devices are removed. This ensures full loop integrity without the need for a separate T-Breaker; something that will help reduce the overall cost of installation. As well as being easy to install, it is certified to 3.4kg release load.

The device is simple to reinstate if removed.

To Reinstate after a self-harm attempt

By offering up the two halves together, the internal magnets, plus the patented locating tubes and self-seal lip will do the rest and reconnect the detector into the system. It is impossible to connect the two halves the wrong way.

The Product Marketing Manager at Gent a leading manufacturer of detector heads, commented,

'The protection of vulnerable people is taken incredibly seriously, so when our customers offered suggestions about how the previous Anti-Ligature Base could be improved, we instantly contacted the manufacturers, Sdals who enhanced the existing product, the result is the ALD302, and I am Confident it will make a valuable contribution to the way that the pioneering fire detection portfolio can be used within environments that accommodate those who are potentially at risk`

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ALD 302 /L ANTI-LIGATURE SMOKE DETECTOR BASE ASSEMBLY



KEY Features of the new ALD302L: Universal Anti ligature Detector Base

1. Universal application: Suitable for most detector heads and other electrical equipment
2. Built in Magnetic switch provides loop continuity when multiple items are removed.
3. Anti-tamper lip to prevent storage of contraband between base and detector.
4. Simple and Hygienic design that is easy to install.
5. certified to 2.4kg release load.
6. Easy to reinstate the device if removed, simply offer up lower half and the 2 self-aligning tubes and the magnets will do the rest, it is impossible for the two halves to be fitted incorrectly.
7. Multi choice detector head fittings and Besa box compatibility

Warning notice and cleaning instructions to avoid short circuiting of product

As with any specialist electrical product:

1. **keep liquid away from all electrical contacts on inside or outside of the detector base assembly part A or B.**
2. **when part A and B are fully assembled and fitted in final situ you may gently wipe with a clean dry cloth or anti-bacterial wipe if heavily soiled, being careful not to ingress between part A and B, no spray is to be used**
3. **disassembling or pulling apart sections A and B and cleaning in between is not acceptable under any circumstance and may cause damage to electrical contacts.**
4. **Disassembling product should only be attempted by a qualified electrician.**
5. **Please refer separately to the smoke detector manufacture instructions for cleaning of their product when attached to ALD302 base assembly .**
6. **Material: White polycarbonate**

Specifications

Release load:	**3.4 kg before detector head is attached**
Detector weight:	**0.16kg**
Dimension:	**138mm dia x 30mm H**
Product code:	**ALD 302/L**

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