



Discovery Carbon Monoxide (CO) Fire Detectors Installation Guide

General

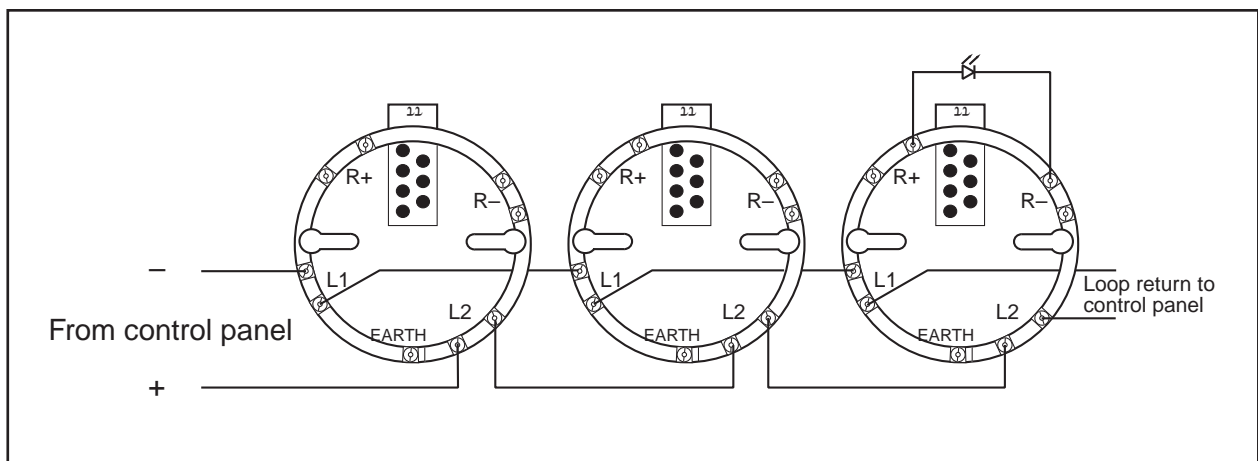
This product is not a smoke detector or general purpose fire detector, neither is it a carbon monoxide gas leakage alarm. **Use only in accordance with the instructions given in product data sheet PDS201-0102**, available on request.

Siting

CO detectors should be sited using the recommendations detailed in BS5839: Part 1 (or other applicable code).

Wiring

L1 should be connected to the negative line for compatibility with negative isolators and polarity sensitive devices.



Wiring diagram of Discovery loop with one remote indicator

This product is polarity sensitive (L1 is -ve and L2 is +ve). It is not electrically compatible with the standard isolating base (45681-321) up to Build Standard 3A or the Discovery Test Set.

False Alarms

Apparent false alarms from this product should be treated with caution. Alarms may be caused by very deep seated fires or other dangerous sources of CO that are difficult to detect without monitoring equipment. ***Carbon monoxide is a colourless, odourless gas and can cause death within minutes.***

Testing

This product should be tested annually with carbon monoxide gas; eg by placing a lighted hand-warmer in a closely fitting hood. It does *not* respond to smoke and will *not* give an alarm from a smoke test pole.

Safety Information

This product contains an electro-chemical cell with a sealed acid reservoir. In normal usage it represents no chemical hazard, provided that the product is treated in accordance with the guidelines given in product data sheet PDS201-0102.

In case of leakage avoid contact with skin. Use protective gloves and wash all traces of acid from the product with copious amounts of water.

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