



CAMPDEN INSTRUMENTS LIMITED

INSTRUCTION MANUAL

FOR

447 MOUSE NOSE POKE

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INTRODUCTION.

The Campden Instruments 447 nose poke consists of a 12mm nose poke hole with an IR (infra red) report beam across the opening. To the rear of the hole is an amber LED. They are compatible with all 24/28VDC operation systems.

Mounting holes for the unit are M3 threaded at 28mm centres.

OPERATION

Connections to the 447 Nose Poke are made via a six way plug in terminal block (PL1) as follows:

- 1: NO (Report switch open to common when IR beam is broken)
- 2: NC (Report switch closed to common when IR beam is broken)
- 3: COM (Report switch common)
- 4: LED
- 5: 0VDC
- 6: +24/28VDC

NOTE: Pin 1 is adjacent to the D2 on the PCB.

To operate the Nose poke connect the unit to a +24/28 v and 0v supply as above. Connecting the LED terminal to 0VDC will illuminate the LED at the rear of the nose poke. A nose poke is reported when the IR beam at the front of the nose poke is broken. The report is via a voltage free switch (connection PL1 1-3)

SPECIFICATIONS

Voltage Requirements:	24-28 VDC
Operating Current:	20mA
Wattage:	5.6W max