

TC-D Dual Sensor Head People Counter

List of items Enclosed:

- TC-D DSH Counter Module with Red count indicator LED
- 12 volt Switchmode DC Plug-Pack
- 2 x Sensor Heads
- 2 x Sensor Head Cables – 6 metres in length
- Installation Screws

One Sensor Head each side of entrance.

Use a **13 mm Drill** for the holes for the sensor heads.

Push-in style.

External Diameter 15mm.

Installation: The 13 mm holes are drilled opposite each other – suggested height for People Counters is **1.25 metres** – to count more mature people and not to count prams and shopping trolleys.

Take care if installed in door jamb of swinging doors that the sensor heads are **above or below the door handles**. So the door handles and hand movements reaching for the door handles don't break the beam. Swinging door needs to open one way only and away from the door jambs that have the sensor heads. Suits doors that are hinged on the door jams – **Does not suit pivot doors** - i.e. doors hinged above and below the door.

***Note:** If the sensor heads are to be pushed back into a wooden door frame a narrow groove will need to be chiseled out inside the hole to accommodate the sensor cable which comes out of the top rear of the sensor head body. If no groove is made the sensor cable will get damaged.*

TotalCount Counter Module: 4 Digit Liquid Crystal Display. Low power CMOS circuitry. Leading blank zero. Digit height – 8 mm.

The sensor cable for each sensor head is threaded through the door jam and/or wall etc and is then connected into the TC-D DSH Counter Module. Plug the plug pack into the power point.

Cable Connections:	<u>Counter Module</u>	<u>Grey Cable</u>	<u>Black Cable</u>
NPN Trigger:	Black	Black	Black - Not Used
Ground:	Blue	Blue	Blue
+ 12 volts:	Brown	Brown	Brown

It is suggested to complete the total installation and only then plug the 12-volt Plug-Pack into the PowerPoint and switch it on.

Walk test past the sensors and the Red LED on the TC Counter Module will light up while the beam is broken and the count will advance by one. Divide by 2 if people walk both ways through the sensors.

To Reset to Zero magnet applied externally – to the right or below the numbers on the LCD.