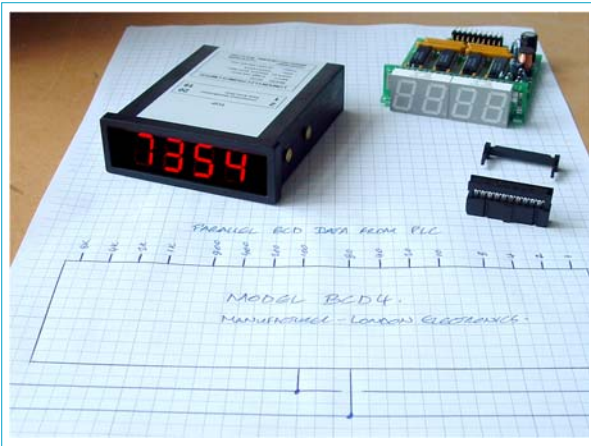


Miniature 4 digit BCD input display - Model BCD-4



- Simple to install and commission
- Suits common PLC data levels
- Industry-standard case size
- Simple IDC ribbon cable connection
- Clear Plain English operating manuals
- Strobe / load / hold input

Operating manuals and more technical detail at <http://london-electronics.com/>

Input Signals

Format4 BCD bits per digit
 Logic.....High level = logic 1
 Input level.....24V positive logic standard, 5V optional
 Input resistance per line.....4900 Ohms
 Strobe.....Low = Follow, High = Hold

Display

Format.....4 digit 7 segment
 LED Digit height.....14.2mm
 Viewing distance.....7m max
 Decimal point.....set by solder switch

Power Supply

Supply voltage.....21-26 VDC
 Power consumption.....Around 2 Watts

Dimensions

Display Bezel72 x 24 mm
 Panel Cutout68 x 22 mm
 Depth behind panel, including connectors100 mm max.
 Max. width behind panel80 mm

Environmental Limits

Storage temperature-40 to 85 °C
 Operating temperature 0 to 50 °C
 Humidity 0 to 85 % RH non condensing
 Sealing.....Front = IP54 Standard, IP65 optional

Case

Material94V-1, UL Rated Noryl, acrylic lens

We also make large digit displays which can accept up to 7 digits of BCD data via the **PSC1** parallel to serial converter. See separate datasheet.

BCD displays are useful in many PLC and logic circuits, to give your operators a clear idea of important numeric values.

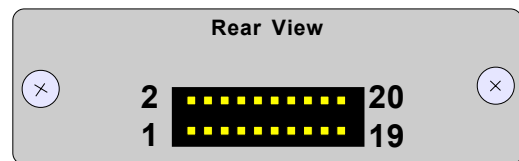
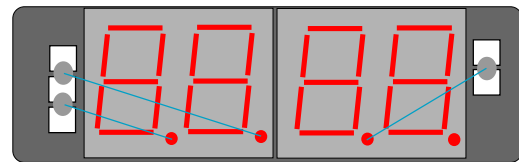
You can clearly see these displays up to 7 metres away.

The BCD-4 gives 4 digits, each with 14.2mm height and selectable decimal point. A level-active strobe input is useful if you want to capture data which is not always present.

These displays connect directly to PLCs or other devices which give 24V logic output. A 5V logic option is also available.

We normally supply a 20 way IDC connector with every display. If you prefer, we can supply a pre-terminated length of ribbon cable for you instead - just tell us the length of cable you need and we will quote to offer this service.

How to illuminate decimal points with solder blobs on copper pads



1	Supply +	2	Supply negative
3	Strobe	4	Signal OV comm.
5	BCD 8	6	BCD 1
7	BCD 2	8	BCD 4
9	BCD 80	10	BCD 10
11	BCD 20	12	BCD 40
13	BCD 800	14	BCD 100
15	BCD 200	16	BCD 400
17	BCD 8000	18	BCD 1000
19	BCD 2000	20	BCD 4000

Ordering Code:

