

## Local Indication Option HP400 and HP500 Series

**Function:** The HP400 Series and HP500 Series duct and wall mounting Relative Humidity and Temperature probes can be fitted with an LCD local indication option. The display fits into the lid of the polycarbonate enclosure housing the electronics.

For those probes that have a both relative humidity and temperature outputs the lid of the enclosure will also house a pushbutton. In normal configuration the display will show relative humidity and the pushbutton will change the display to show temperature. If required this operation can be reversed so that

the display normally shows temperature and relative humidity upon depressing the pushbutton.

**Application:** The LCD option turns the HP400 Series and the HP500 Series probes into Humidimeters and Thermometers ideally suited for displaying relative humidity and temperature in air conditioning ducts, environmental chambers, drying tunnels, storage rooms, computer suites, etc.

### SPECIFICATIONS

**LCD Type**

3 1/2 digit transfective liquid crystal display

**Digit Size**

12.5mm

**Display Range**

Relative Humidity: 0 to 100% RH  
Temperature: 0 to 100°C

**Resolution**

Relative Humidity: 0.1% RH  
Temperature: 0.1°C

**GENERAL:**

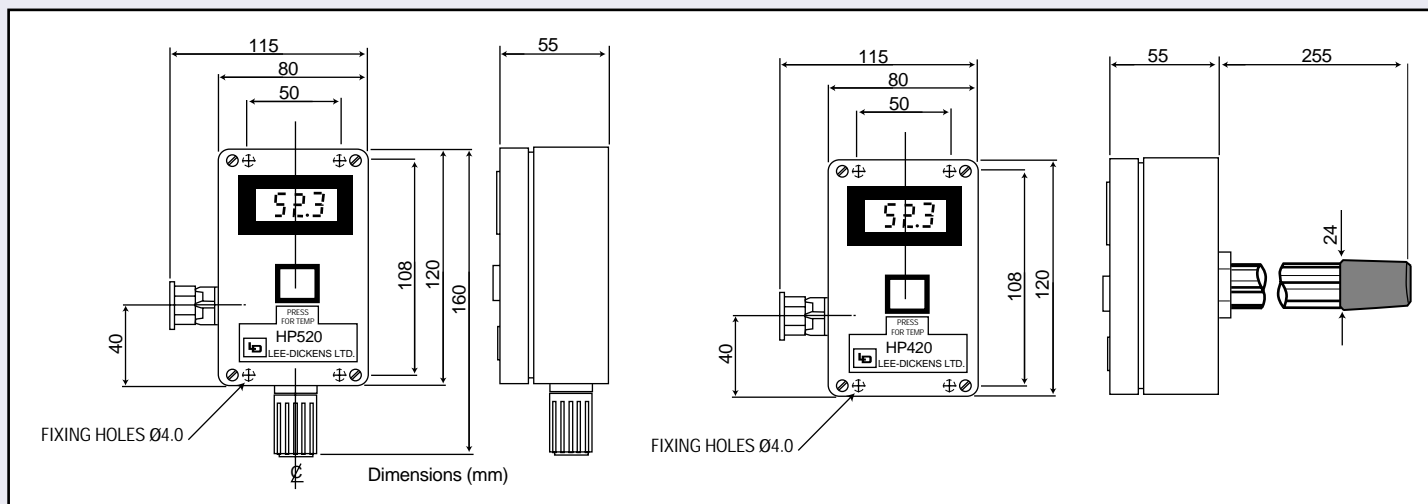
**Operating Temperature Range**  
Electronics: -10 to +70°C

**Storage Temperature Range**  
-20 to +70°C

**Operating/Storage Humidity Range**  
0 to 95% RH non-condensing

**Weight**  
The additional weight for the local indication option is less than 0.5Kg

### MECHANICAL DETAILS



### ORDERING DETAILS

- (a) Specify probe type required with an L suffix; i.e. HP400L
- (b) Specify if display operation to be reversed; i.e. to display temperature normally with RH on the pushbutton