

# Large format Bargraph - the PRO-BAR series



- Large scale, high visibility
- Outdoor brightness versions
- Wall mounting, panel mounting option
- Get an instant idea of 'How Much'
- Simple to install and commission
- Clear Plain English operating manuals
- Internal 24V supply to power sensor
- IP65 Sealed option
- 95-265 VAC or 11-30V DC power
- Customised scales available
- Vertical / Horizontal mounting

The PRO-BAR is a rugged, high visibility bargraph display which accepts 4-20mA, 1-5V or 0-10V and is scalable to suit your process.

It gives an instant 'feel' for the fullness of vessels, relative pressures, deviation from setpoint etc.

Easy to adjust and calibrate, the PRO-BAR uses no menus, so can be adjusted in minutes, even if you aren't familiar with it.

It replaces alternatives such as sight tubes, with the benefit that the bargraph can be located far from the tank, there are no liquids to freeze in the tube, and tube breakage is avoided.

This means they may be mounted in a convenient location for your system engineers to view, without having to waste time walking to the tanks.

Ultrabright versions can be mounted outside and are clearly visible even in direct sunlight. Plus the sealed case version is suitable for mounting outside in all weathers.

## Ordering Code:

**PRO-BAR** 1) Add suffix **-AC** for AC power 95-265 VAC. Add suffix **-DC** for DC power 11-30V DC. 2) Red = **-R** Green = **-G**  
3) Add suffix **-V** for Vertical, **-H** for horizontal 4) Add suffix **-1** for Panelmount, **-2** for Wallmount

## Input Ranges

4-20mA & 0-10V Standard, 0-20mA, 0-10mA, 1-5V to order.

## Accuracy

Of range ..... 0.5% ,+/- 1 segment at 25 Deg. C  
Resolution.....1 in 50  
Excitation output..... 24V +/- 15%, current limited to 30mA

## Display

Format.....50 segments, red or green LED  
Scale length .....250 mm

## Power Supply

95-265 V AC wide range switch-mode supply - standard  
11-30 V DC wide range switch-mode supply - optional  
Power consumption..... 5 VA Max.

## Dimensions

Height of case wall mounting.....309mm + 25mm for brackets  
Width of case if wall mounting .....94mm

Display Bezel if panel mounting .....326mm x 111mm  
Panel Cutout .....311mm x 96mm  
Depth behind panel, including connectors .....95 mm  
Max. width behind panel .....94 mm

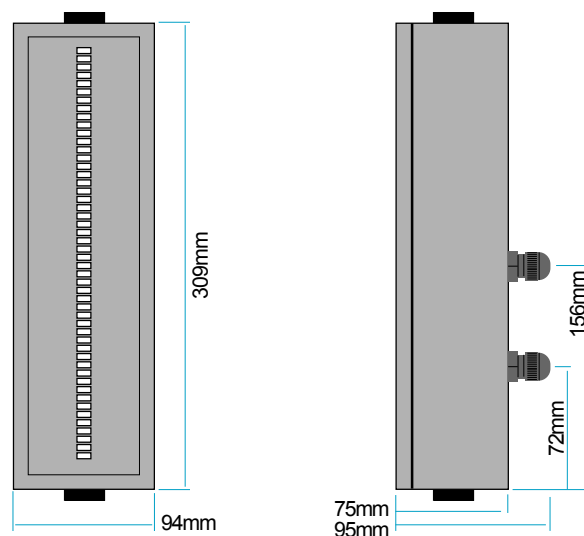
## Environmental Limits

Storage temperature .....-40 to 85 °C  
Operating temperature ..... 0 to 50 °C  
Humidity ..... 0 to 85 % RH non condensing  
Sealing.....IP65 all-round

## Case

Case Material .....High strength uPVC  
Window Material.....3mm thick Acrylic

*We also make bargraphs in 1/8 DIN format, model BAR-A and BAR-X, and multicolour bargraphs model NA5*



Wall mounting case dimensions. Panel mounting bezel is 17mm wider and taller than the case.