

NEW

Large Display

With the new 1800 Series you get all the the valuable benefits of a large display in a small package.

Ideal for viewing up to 13 metres / 40 feet away, this display family accepts most popular production signals such as NPN, PNP, ASCII, 4-20mA, loadcells etc. You'll be able to see at a glance what's happening in your system.

Solid construction, with a fully sealed, corrosion-resistant case. This is the display to ask for if you demand reliable and trouble-free operation.

The 1800 Series is one of a family of Displays with digit heights from 25mm to 280mm



The 1800 Series is ideal if you want to measure....

Total, Rate, Temperature, Pressure, Weight, Speed, Distance, Humidity, Target, CountA-CountB, Torque, CountA+CountB etc...

1800 SERIES

Benefits

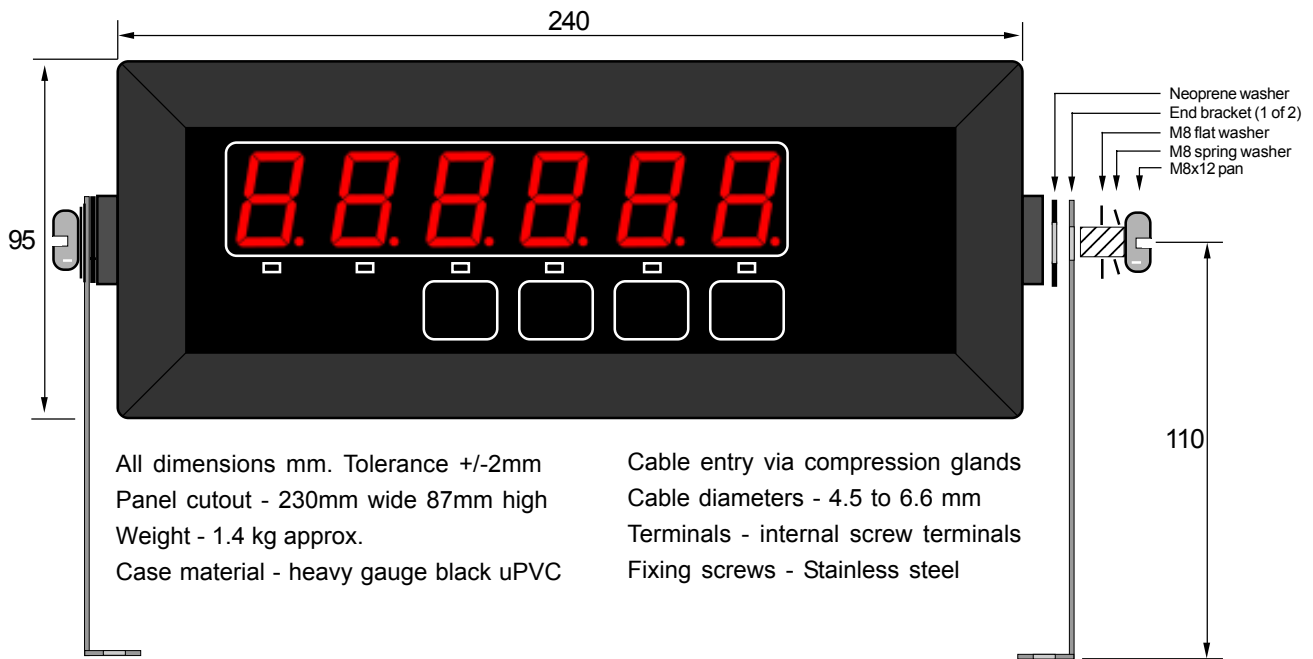
- Easy to configure - super-simple setup with the INTUITIVE system
- Wall mounting, panel mounting or suspension mounting
- Sealed to IP65 all round with corrosion resistant case
- Digits which you can easily read from far away
- Universal power supply for 95-265 VAC
- Swivel mounting case for clear visibility

Typical applications

- Production counting
- Weight control and indication
- Cleanroom Humidity display and alarm
- Cleanroom temperature display and alarm
- Weighbridge local or remote display
- Conveyor speed display and alarm
- Display of any physical variable...



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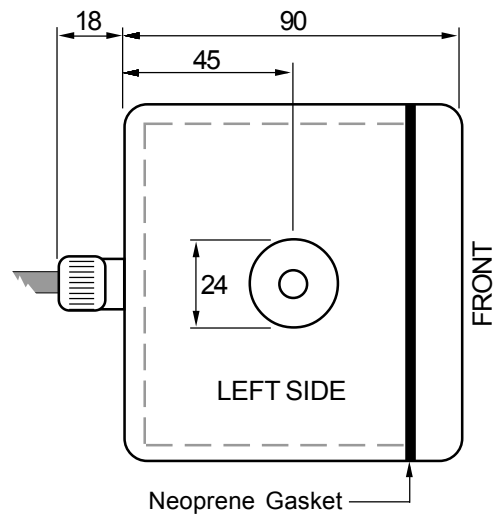


All dimensions mm. Tolerance +/-2mm
 Panel cutout - 230mm wide 87mm high
 Weight - 1.4 kg approx.
 Case material - heavy gauge black uPVC

Cable entry via compression glands
 Cable diameters - 4.5 to 6.6 mm
 Terminals - internal screw terminals
 Fixing screws - Stainless steel

Operating manuals and other useful information at <http://www.london-electronics.com/1800.htm>

Common Specifications:	
Display	25mm / 1" high red LED
Power	95-265 VAC - 8 Watts
Sealing	IP65 all round when wall or suspension mounted, from front only if panel mounted.
Alarms	Optional 2 alarms rated 5A 250VAC
Locking	Buttons can be locked to prevent changes.
Cable entry	Via compression glands on rear



L1861 **scalable 5 digit display for 4 and 6 wire loadcells**
 Scaling : Wide-Range Direct and inverse scaling with selectable decimal point position
 Excitation : 10V DC rated at 120mA
 Filtering : Variable filtering / averaging to give smooth readings during signal fluctuation
 Count by : Select to count by 1, 2, 5, 10, 20, 50
 Accuracy : 0.05% of range, +/- 1 count. Resolution up to 1 part in 32000

P1861 **scalable 5 digit process display for 4-20mA, 0-10V, 1-5V etc.**
 Scaling : Wide-Range Direct and inverse scaling with selectable decimal point position
 Excitation : 24V DC rated at 30mA
 Filtering : Variable filtering / averaging to give smooth readings during signal fluctuation
 Count by : Select to count by 1, 2, 5, 10, 20, 50
 Accuracy : 0.05% of range, +/- 1 count. Resolution up to 1 part in 32000

S1861 **serial ASCII 6 digit remote display, for RS232, RS485 etc.**
 Data : 7 bit ASCII with or without parity.
 Baud : 300 to 9600 selectable
 Flexibility : Can display a selected part of a more complex data string - user adjustable
 Addressing : Up to 255 individual addresses
 Watchdog : Can be set to display "DATA?" if no data arrives for 3, 30 or 60 seconds.

T1861 **scalable 6 digit counter and ratemeter, for NPN, PNP, contacts, etc.**
 Scaling : Wide-Range for any RPM, units per hour, etc. Adjustable decimal point
 Inputs : NPN, PNP, 24V pulses, contact closure, 5V. Also accepts quadrature signals
 Excitation : 24V DC rated at 30mA
 Averaging : Variable averaging to give smooth rate and period readings even if frequency varies.
 Accuracy : 0.05% of range. Crystal controlled. Non-volatile count memory.

Ordering Guide
 Model, power, mounting & alarm

