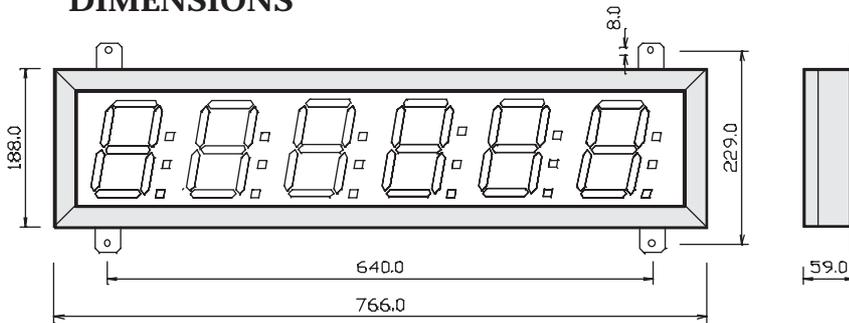


DIMENSIONS



Dimensions shown for 5" (125mm) 6 digit display unit. For other widths of display, add or deduct 230mm per two digits.

**Numeric Large Display
NLDU1**
**Alpha-numeric Large Display
ALDU1**
(plus coding as shown overleaf)

The LDU1 large display units accept a serial digital input from computers, control systems, counters, tachometers etc. and provide a large, easy to read digital display suitable for all lighting conditions and are readable over a wide viewing angle.

The input can be configured to suit baud rate and protocol of most RS232 and RS485 sources.

The NLDU1 consists of double and treble rows of high efficiency LED's arranged in a standard seven segment format with decimal point and colons at each digit. The display can be used to show numerical and a limited range of alphabetical characters and symbols.

The ALDU1 consists of multiple rows of high efficiency LED's. The display can be used to show all numerical and alphabetical characters plus symbols.

- * **High Brightness Display**
- * **Slim Line Enclosure**
- * **Anti-glare Viewing Window**
- * **RS232 or RS485 Standard Protocols**

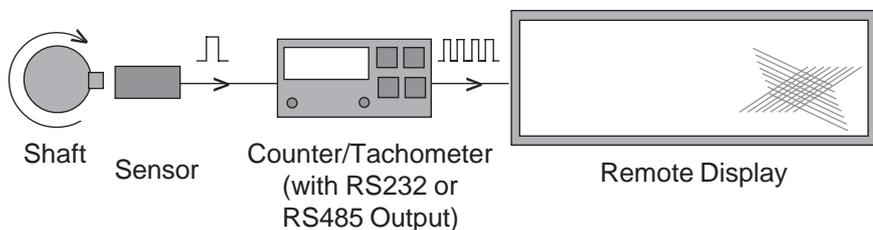
SPECIFICATION

Supply	110/230V ac 50/60 Hz 15VA.
Fusing	Not provided, feed via a 5A maximum fused supply.
Connections	Individual in-line terminal blocks for both mains and low voltage inputs. Accessed by removing rear cover.
Input	Serial RS232 or RS485 compatible. Standard protocol is 7 bit. No parity, 9600 baud. Other protocol available on request.
Weight	2.5Kg for 2 digit unit plus 500g per extra 2 digits.
Mounting	Options of mounting strap, eye bolt or keyhole mounting.
Cable entry	20mm cable entry provided in base, side or rear as specified.
Display	3" (75mm) or 5" (125mm) Hi. brightness LED display. Numeric unit includes decimal point and colon at each digit.
Construction/Enclosure	Black anodised aluminium extruded sections with red anti-glare perspex window.
Protection	IP41.

HOW TO ORDER:-

Specify **NLDU1** for Numeric Large Display or **ALDU1** for Alpha-numeric Large Display (plus coding as shown below).

Typical Configuration



Configuration above, shows typical use using Synatel proximity sensor to monitor rotating target on a shaft, output from proximity sensor is connected to a Synatel Tachometer unit to display speed, RS232 output from Tachometer connects to large numeric display NLDU1 which displays same reading as Synatel Tachometer unit.

ORDER CODES

3" (75mm) High Digits=/3
5" (125mm) High Digits=/5

No. of Digits i.e. 2=/2
4=/4
etc.

Input Type RS232=/232
RS485=/485

Mounting Arrangement
Mounting Strap=/M
Eye Bolt=/E
Key Hole=/K

Cable Entry Base=/B
Side=/S
Rear=/R

eg.

For a Numeric 3" high 4 digit display with RS485 input with mounting straps and base cable entry=
Order code is NLDU1/3/4/485/M/B