

DL 001



Features

- ☞ Ruggedised, State-of-the-art Micro-controller based system
- ☞ Process value on 4 ½ Digit, ½ inch display
- ☞ User configurable span
- ☞ Serial Communication on RS 232 for Data download to PC
- ☞ Transmitter power supply
- ☞ Real time Data logging in pendrive

Application

DL 001 is intended to be used for single channel indication & recording applications. 7 segment RED LED display makes it visible from long distance. 4 ½ digit resolution gives accuracy as high as $\pm 0.3\% \pm 1$ LSD.

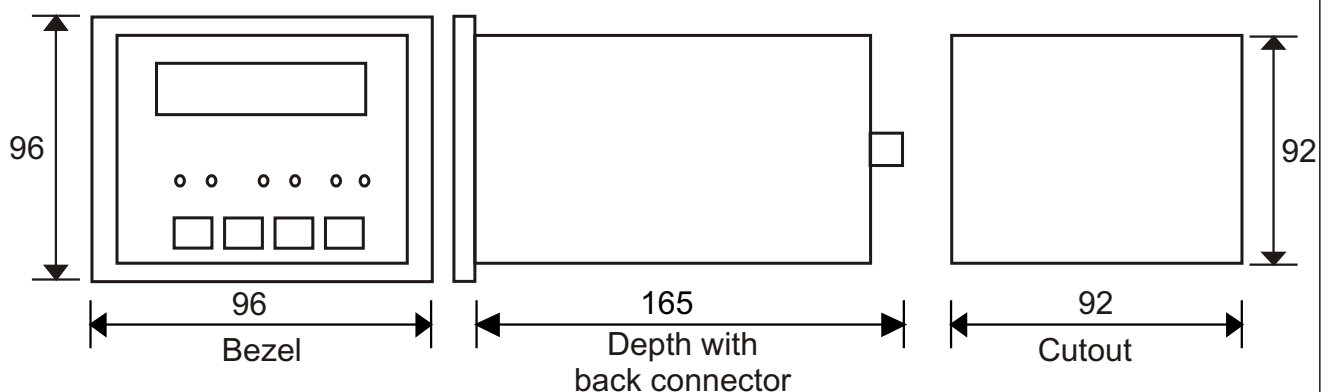
Unit accepts 4 - 20 mADC linear input, the most commonly used signal in process industry. In case the input signal is different we can provide appropriate converter.

DL 001 has a high data recording capacity of up to 43000 readings internally plus 100 million readings on pendrive.

Serial port RS232 for downloading data to PC with **ASCII** protocol.

Dimensional drawing

All dimensions are in mm



DL 001

TECHNICAL SPECIFICATIONS

Input	4- 20 mA DC linear.
Display	7 segment ½ ” LED, 5 digit process value. 8 digit 0.3” display for programming.
Keyboard	4 key tack-tile keyboard
Scaling	Process value is scalable by front keypad with Decimal point selection
Accuracy	± 0.3 % of FSR ± 1 LSD
Resolution	4 ½ Digit
Indications	3 mm LED indication for Memory Full and serial operation
Transmitter Power Supply	24 VDC, 100 mA power supply is made available for the external transmitter
Data Storage	All settings are stored in a battery backed RAM.
Serial Communication	Serial port RS232 for downloading data to PC
Data Logging	Memory capacity of 43000 readings of process value with Real Time Stamping. Logging interval programmable in minutes or seconds from 1 to 240. ASCII Data file transfer of Logged values to PC or pendrive. Additional 100 million readings recording on external pendrive.
Supply	230VAC / 110VAC, ±10 %, single phase, 50 Hz
Connections	9 pin D sub Male for RS232, 25 pin D sub Female for Printer port and remaining on screw type connectors.
Cabinet	Panel mounting ABS moulded cabinet Size -- 96 x 96 x 165 mm (H x W x D) Cutout -- 92 x 92 mm

Ordering Information

DL 001- Sx- Ux

S = Supply; 0= 230VAC; 1= 110VAC
U = USB Interface; 0= No; 1= Yes

Note : Due to continuous development specifications may change without prior notice

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