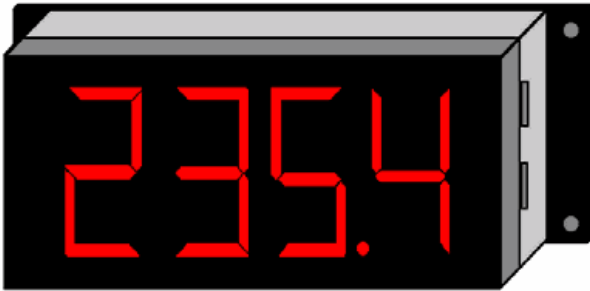


# LPD-151/152 LARGE DISPLAYS



The LDP-151/152 panel meters are 1 or 2 channel large display units intended for temperature measurements with thermocouples or resistance sensors as well as voltage, current, and resistance measurements. Panel meters can be programmed to give linear or non-linear display within the range set.

The standard meter has two adjustable alarm limits. Also it is possible to set direction of operation, hysteresis, and delay. The alarm limits may be set for relay contact closure control (on separate order for opening contacts). The standard power supply is 230 V 50 Hz but on separate order also 24 VDC is available. If required, the meter may be used to supply power to transmitters or to separate relay control. Measurement values and alarm states are shown at the front panel with 4 digit display and the indicator lights. The display also shows maximum and minimum values.

All selections and settings are done with push buttons under the front panel or with separate push buttons.

## TECHNICAL DETAILS

Display	4 numbers, 7 segments, LED display, digit height 57 mm
Inputs	LDP-151 one, LDP-152 two inputs Choices: 1) Pt-100 ohm (2 or 3 wire) 2) Thermocouple (J, K or S) 3) Voltage 0-100 mV, 0-1 V or 0-10 V 4) Current 0/4-20 mA 5) Resistance 0-1000 ohm
Measurement speed	> 5 measures / second
Alarm limits	1) two adjustable upper – and lower limits with relay controls (su/av-peaks, max. 230 2 A) 2) two additional limits with open circuit controls
Serial ports	RS-232C or RS-485 serial port
Accuracy	0,1% from the range +/-1 number
Operating temperature	0...+60 °C, effect <50 ppm/°C
Supply voltage	230 V 50 Hz, +/-10 % or 24 VDC

## INTERFACE

