

LDP-151/152 Large display



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.

It may be programmed to give linear or non-linear display over the range set.

The standard meter has two adjustable alarm limits, also direction of operation, hysteresis, and delay may be set.

The alarm limits may be set for relay contact closure control (on separate order for opening contacts).

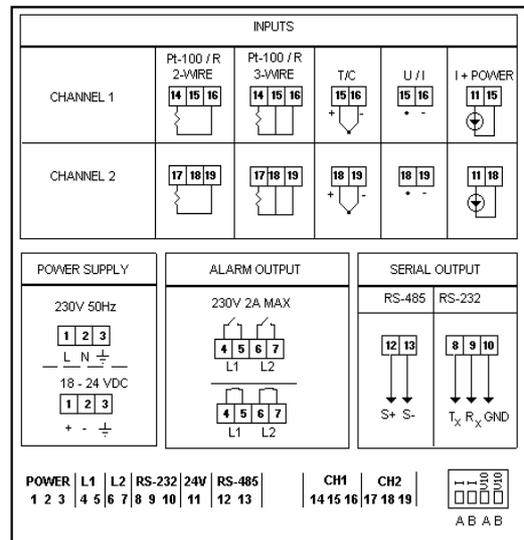
The standard power supply is 230 V 50 Hz but on separate order also 24 VDC is available. If required the meter may be used to supply power to transmitters or to separate relay control. Measurement values and alarm states are shown on the front panel 4 digit display and the indicator lights. The display can also show maximum and minimum values.

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

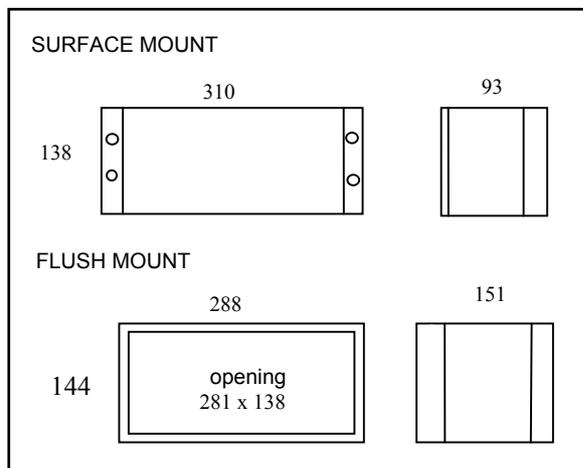
TECHNICAL INFORMATION

Display	4 digit 7-segment LED display character height 57 mm
Inputs:	LDP-151 one, LDP-152 two input channels Input 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
Meas. speed:	> 5 measurements/ second
Alarm limits:	1) two adjustable low-high limits, relay output (open-close) 230 V 2 A 2) two additional limits (open circ) option
Serial output	RS-232C or RS-485 serial ports (option)
Precision	0,1% of range ± 1 number
Op. temp.	0...+60 °C, dependence < 50 ppm/°C
Power supply:	230 V 50 Hz, $\pm 10\%$ or 24 VDC (option)

CONNECTIONS



CONSTRUCTION



ORDER INFORMATION

LDP-151	Single channel meter, surface mounting
LDP-151U	Single channel meter, flush mounting
LDP-152	2 channel meter, surface mounting
LDP-152U	2 channel meter, flush mounting

ADDITIONAL EQUIPMENT:

-S2	Serial bus connection RS-232
-S4	Serial bus connection RS-485
-P24	Meter with 24 VDC power supply (isolated)
TCH	External control push button unit