

LPI-LCD-6

Self-powered 4-20mA panel display

The LPI-LCD-6 is an ideal self-powered panel display that uses a 4-20mA loop to generate its own power source. This unit has been designed for easy installation, and mounts on the surface of the panel without taking up much space behind it. It can be used to measure process variables such as flow, level, pressure and temperature.

Key Features

- Easy to read LCD display.
- Display backlight charges off the loop input signal
- Can easily be scaled using any two input values.
- Easy to calibrate from the front panel.
- Can display up to 50,000 counts.
- Weatherproof IP65 rated.
- High accuracy.
- Low cost.



Specifications

Input	4~20mA Loop Powered (24Vdc).
<i>Minimum Input</i>	3.5mA.
<i>Maximum Input</i>	100mA.
<i>Load</i>	220Ω Typical.
Full Scale Range	Adjustable Between -99,999 and +999,999.
Max Resolution	50,000 Counts.
A/D Conversion	16bit Sigma Delta.
Accuracy	±0.02%.
Temperature Coefficient	30ppm/°C Typical.
Conversion Rate	10 Readings per Second.
Protection	Reverse Polarity. Accidental 24V Supply.
Operating Temperature	-10~60°C.
Operating Humidity	10~85%RH Non Condensing.
Display	17.5mm LCD.
<i>Units</i>	Standard KG, LB, T, or Custom.
<i>Decimal</i>	Up to 4 Decimal Places.
<i>±Over-Range</i>	Shows 'UNDER' or 'OVER'.
Housing	Rating IP65.
<i>Dimensions</i>	144 x 72 x 25mm (WxHxD).

Product Liability. This information describes our products. It does not constitute guaranteed properties and is not intended to affirm the suitability of a product for a particular application. Due to on-going research and development, designs, specifications, and documentation are subject to change without notification. Regrettably, omissions and exceptions cannot be completely ruled out. No liability will be accepted for errors, omissions or amendments to this specification. Technical data are always specified by their average values and are based on Standard Calibration Units at 25°C, unless otherwise specified. Each product is subject to the 'Conditions of Sale'.

Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.