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).
	Minimum Input	3.5mA.
	Maximum Input	100mA.
	Load	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.
	Units	Standard KG, LB, T, or Custom.
	Decimal	Up to 4 Decimal Places.
	±Over-Range	Shows ‘UNDER’ or ‘OVER’.
Housing	*Rating*	IP65.
	Dimensions	144 x 72 x 25mm (WxHxD).

Intech Instruments

Christchurch Phone: +64 3 343 0646
Auckland Phone: 09 827 1930

Email: sales@intech.co.nz
Web: www.intech.co.nz