

PROGRAMMABLE LOOP POWERED LCD INDICATOR ———— PLC40



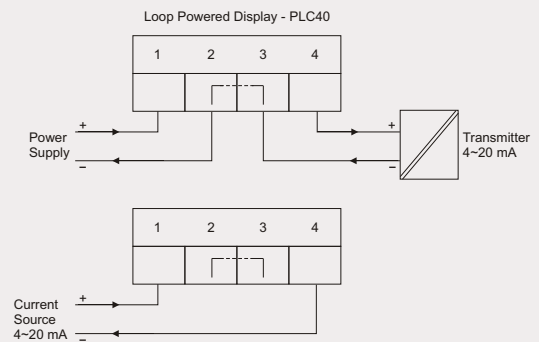
- 4 ~ 20 mA loop current input
- Loop voltage drop < 4.8 volts
- Accuracy 0.1%
- 3.5 or 4.5 digit LCD display
- Linear/square root function
- User programmable
- Software calibration - no trim pots

PLC40 is a microcontroller based programmable loop powered LCD indicator. This cutting edge technology product offers unmatched features, with 3 ½ or 4 ½ digit LCD display. It is available in an IP65 field mounted enclosure.

TABLE 1

	3 ½ DIGIT	4 ½ DIGIT
Range	-1999 ~ 1999	-19999 ~ 19999
Display	0.5", LCD	0.4", LCD
Resolution	0.001, 0.01, 1	0.0001, 0.001, 0.01, 1

CONNECTION DIAGRAM



SPECIFICATIONS All specifications at ambient of 25 °C, unless specified otherwise

Input Range	4 ~ 20 mA
Resolution	See Table 1
Accuracy	See Table 1
Linear	± 0.1% of Span
Square root	± 0.5% of Span
Temperature coefficient of accuracy	± 0.005% FS/°C
Loop voltage drop	< 4.8 volts
Display	See Table 1
Display update rate	
Linear mode	0.7 sec
Square root mode	0.7 sec
Underrange/overrange indication	Display shows u.rng/over
Operating ambient temperature	0 to 60 °C
Field mounted enclosure	
Dimensions (in mm)	85(H) x 120(W) x 55(D)
Protection	IP65

PROGRAMMABLE PARAMETERS

Low scale	Anywhere in range
High scale	Anywhere in range
Mode	Linear, square root
Decimal point	See Table 1
Digital filter	A, B, C, D, E, F

ORDERING INFORMATION

2114	A
	↓
A	LCD
0	4 ½ Digit (0.4")
1	3 ½ Digit (0.5")

radix
AN ISO 9001:2000 COMPANY

SALES INQUIRIES

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