Spec-Tech Industrial Electric

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MicroPoint Multi-Channel Indicator with Alarms

LI4_-1001
Shown

Application

Factory calibrated, the general purpose indicator reads 0-100% of span with two or four sensor input channels. A single push button allows users to scroll through their active channels. With the optional MicroCal PC calibration kit, users can customize engineering units, configure FET alarm set points, and/or linearize the volumetric measurement of odd shaped tanks. Select the 2 channel for loop insertion with PLC's and the 4 channel for stand alone indication.

Features

- Compatible with two-wire level transmitter, switch and leak detection sensors
- Alarms can be configured for high level, low level, out-of-bounds level or leak
- Compact NEMA 4X enclosure supports panel and wall mount installations
- Adjustable LED backlight for use at night or in dimly lit applications

Specifications

Display type :	LCD, 5-digit
Display units:	Factory cal: % of span PC cal: engineering*
Display output:	Transmitter: 0-99999 Switch: Good / Alarm*
Display backlight:	LED bar (adjustable)
Linearization:*	2-16 point function
Input channels:	LI42: (2) 4-20mA LI44: (4) 4-20mA
Supply voltage:	12-24 VDC
PC-cal. interface:*	USB® adaptor w/cable
PC-cal. software:*	MicroCal (Windows®)
Memory:	Non-volatile
Alarm type:*	LI42: (2) FET switches with opt. audible chirp LI44: (1) FET switch with opt. audible chirp
Alarm set points:*	1 point: alarm 2 points: out of bounds
Switch rating:	1A @ 24 VDC
Switch output:*	Normally open
Operating temp.:	F: -4° to 140° C:-20° to 60°
Cable length:	10' (3m)
Enclosure rating:	NEMA 4X (IP65)
Enclosure mat'l.:	PC/ABS FR
Classification:	General purpose

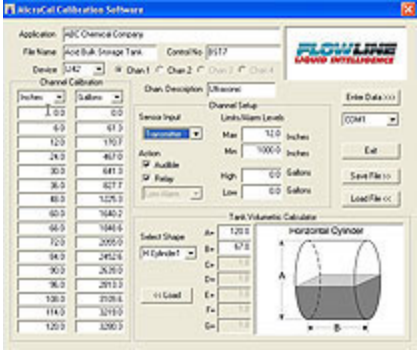
* Requires the LI96-1001 MicroCal calibration kit

Calibration

Your indicator may be configured in less than a minute using the

MicroCal PC calibration kit. User configuration files are retained for indicator cloning and record keeping. It's level indication made simple!

LC95/96 Shown



Part Numbers

- LI24-1001
- LI44-1001

LI4□-1001

Sensor input channels (1) (2) (3)

2	*2 channels (transmitter or switch)*
4	*4 channels (transmitter or switch)*

Ordering Notes

1) *For indicator and loop power, order the LC95-1001 (120 VAC) or LC96-1001 (240 VAC) power supply (24 VDC @ 0.6A).*
2) *Factory calibrated, the indicator displays % of span with transmitter inputs only and no alarm set points.*
3) *Order the LI96-1001 MicroCal PC calibration kit to display engineering units, configure alarm set points from transmitter and switch inputs, and/or linearize the volumetric measurement of odd shaped tanks. Each kit includes (1) PC Windows® based MicroCal software CD and (1) USB to RS485 adapter with 1m cable.*

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