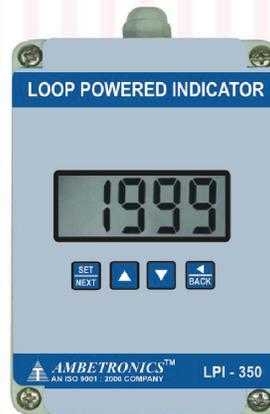


LOOP POWERED INDICATOR - LCD



LPI - 350
PANEL MOUNTING

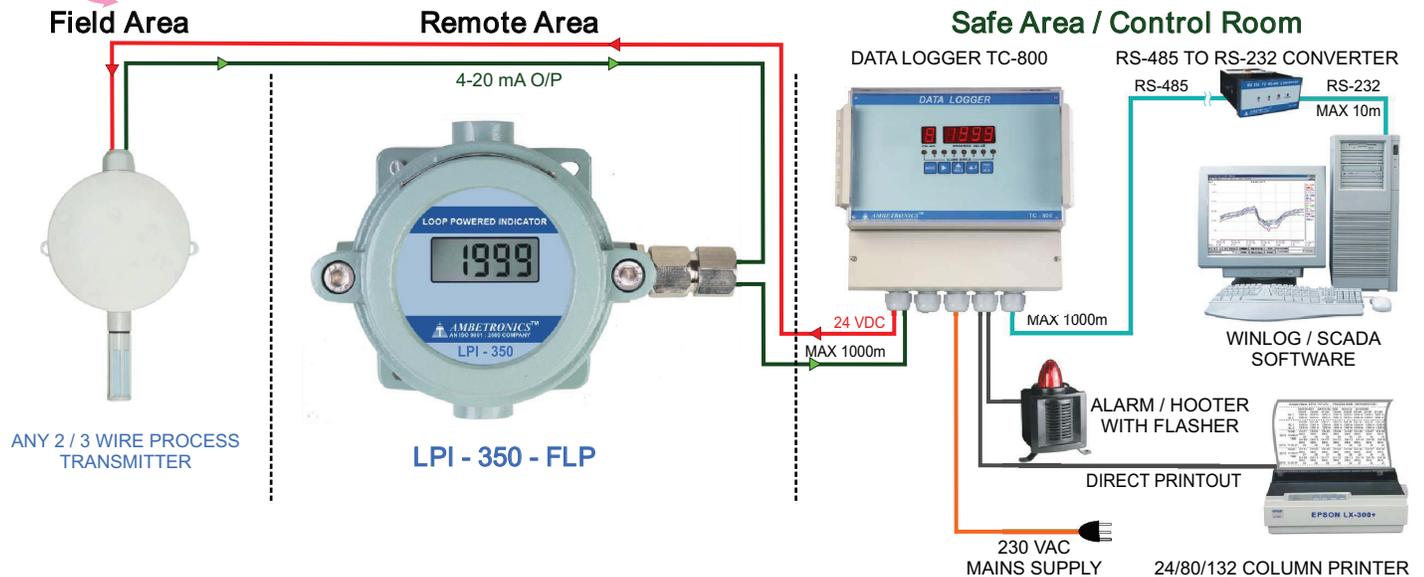


LPI - 350 - WP
WEATHERPROOF



LPI - 350 - FLP
FLAMEPROOF

ILLUSTRATION



FEATURES

- ◆ User Programmable With Password Protection
- ◆ Easy Programming With Push Buttons
- ◆ Software Calibration – No Trimpots
- ◆ Reverse Polarity Protection
- ◆ Loop Voltage Drop < 5 VDC
- ◆ 4 - 20 mA Loop Current Input from Transmitters
- ◆ Accuracy $\pm 0.1\%$ Of Full Scale Value
- ◆ 0.5", 3½ Digit L.C.D Display
- ◆ Range Locking / Unlocking Facility
- ◆ Offset Facility To Compensate Field Error
- ◆ Operational Mode Linear / Square Root; Programmable by user

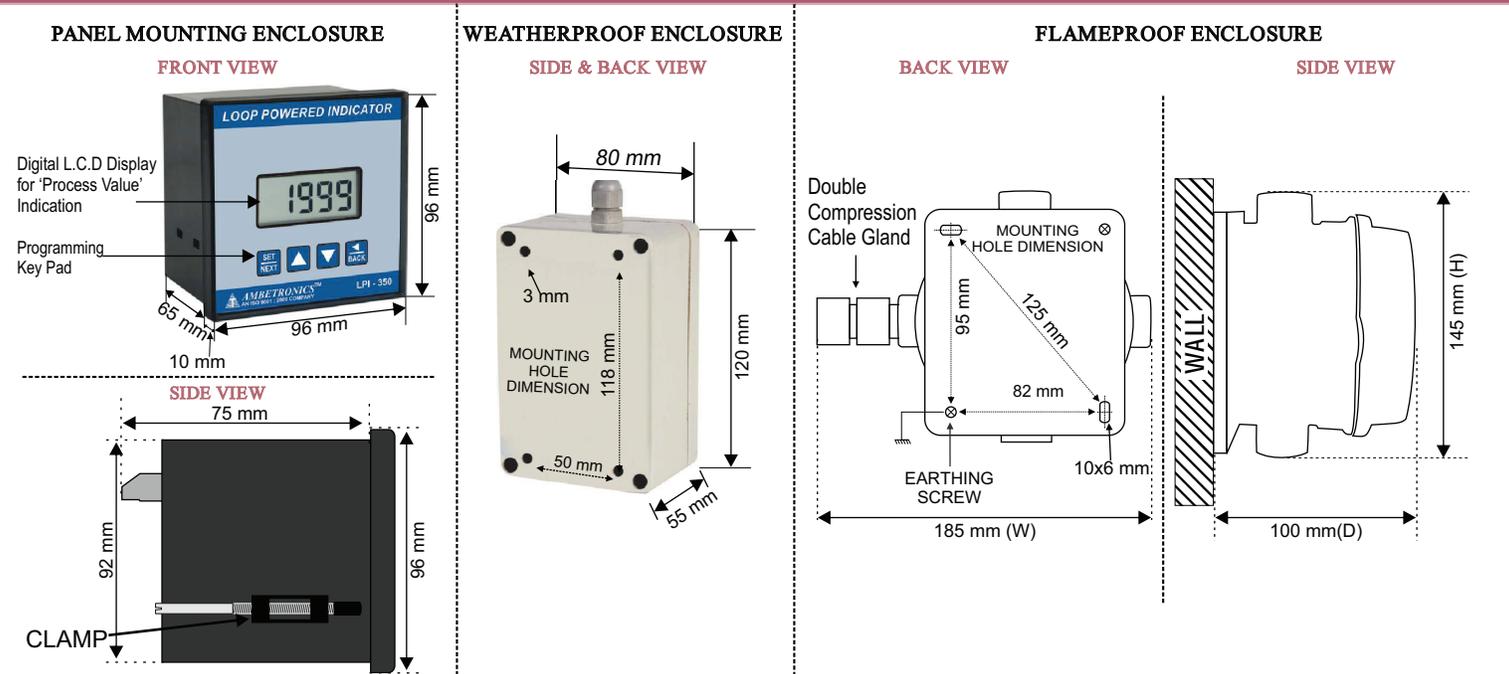
APPLICATIONS

- ◆ Provides Process value Indicator in various Industrial Control & Measurement Application such as Pressure, Flow, Level, Temp., Humidity etc.
- ◆ Remote Indicator at point of measurement or at control end especially where there is no power source
- ◆ Being Non Voltage Producing Device can be directly used in Hazardous Area with Suitable Enclosure
- ◆ Replaces an Analog Meter with no additional wiring and power connection
- ◆ Can be inserted at any point in signal loop as a stand alone as it requires no external power
- ◆ Remote Indication location on tank taps as used in liquid level sensing & control

TECHNICAL SPECIFICATIONS

Input	4 - 20 mA Loop Current Input from any 2 / 3 Wire Process Transmitter		
Range	-1999 To 1999 with Range Lock / Unlock; programmable by user		
Resolution	0.001, 0.01, 0.1, 1; programmable by user		
Accuracy	Linear : $\pm 0.1\%$ of span; Square root : $\pm 0.2\%$ of span		
Operational Mode	Linear & Square root; programmable by user		
Loop Voltage Drop	< 5 VDC		
Display	0.5", 3 1/2 digit L.C.D Display		
Display Update Rate	Linear mode : 0.8 sec; Square root mode : 0.8 sec		
Monitor	i) Display shows 'Und', when I/P current falls below 3.6 mA ii) Display shows 'Ovr', when I/P current goes above 20.5 mA		
Operating Temperature	- 40 To 85°C		
Relative Humidity	Below 95% non condensing		
Warm up Time	10 Sec		
Enclosure Detail	PANEL MOUNTING	WEATHERPROOF (WP)	FLAMEPROOF (FLP)
Protection Class	IP - 40	IP - 65	IP-65, CMRI Approved for IIA & IIB Gas Group
Cabinet Material	ABS PLASTIC, Black Colour	Polycarbonate, Grey Colour	Cast Alluminium Alloy, LM - 6 / C. I. Enclosure
Cable Entry	Terminal Connector For Connection	1 No. Thermoplastic Cable Gland (IP - 68)	1 No. Double Compression Cable Gland (Ex - Proof), 3/4" ET - type
Dimension	96 (H) X 96 (W) X 75 (D) in mm	120 (H) X 80 (W) X 55 (D) in mm	145 (H) X 185 (W) X 100 (D) in mm
Cutout	92 (H) X 92 (W) in mm	----	----
Mounting	Panel Mounting	Wall Mounting / Stand Mounting	Wall Mounting / Stand Mounting
Weight	Approx. 250 Grams	Approx. 250 Grams	Approx. 1 Kg

DIMENSIONS



ORDERING INFORMATION

LPI - 350 — **A**

A) Enclosure

- 1) Panel mounting
- 2) Weatherproof (WP)
- 3) Flameproof (FLP)

NOTE : For any customize requirement contact factory

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DEALERS :