



LPI-016-51

LOOP POWERED BAR-GRAPH INDICATOR

Features

- 51 segment Bar-Graph
- 96 x 96 Enclosure
- Voltage Drop Across Loop 3.6 V
- Loop Powered with LED Display
- 4 to 20 mA Input
- 0.1% Accuracy



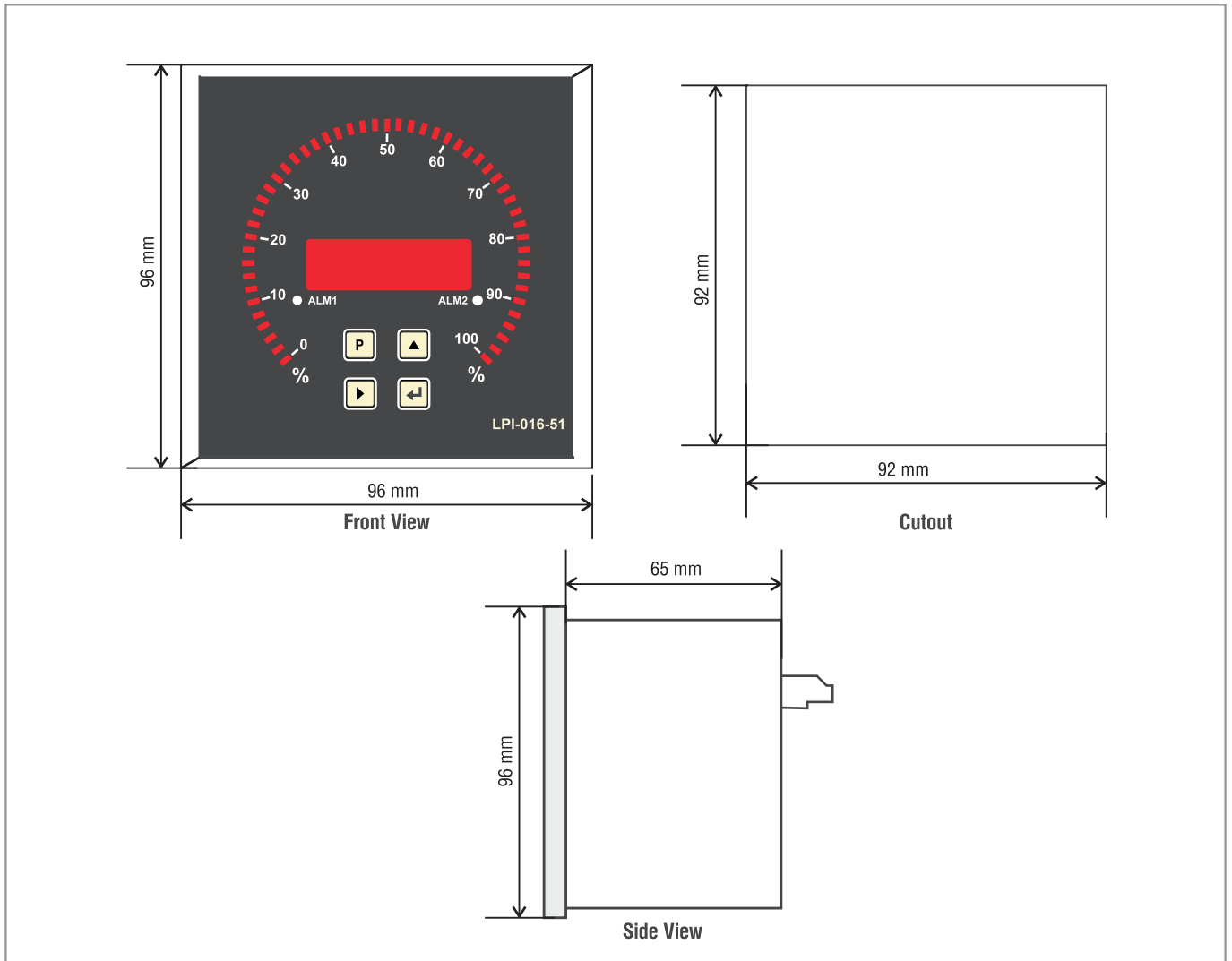
Description

Electronet series LPI-016-51 is an Loop Powered Bar-Graph Indicator specially designed for various industrial applications where external power supply is not easily available. These indicators can be used for monitoring various parameters like Temperature, Pressure, Flow, Level etc with the help of 4-20 mA input. The digital indication is provided through 4 digit LED display & bar graph indication is provided through 51 segment. Range is programmable through front membrane keypad. The voltage drop across the terminals is approximately 3.6 V DC @ 20 mA.

Technical Specifications

Input	4-20 mA DC
Display	4 Digit, 0.3", 7 Segment Red LED
Range	Programmable through front membrane keypad from -999 to 9999
No. of Segments	51 segments
Accuracy	Better than $\pm 0.1\%$ of F. S.
Power Supply	Self powered from input
Drop Voltage	Approx. 3.6 V DC @ 20 mA
Temperature Drift	< 0.01% of F. S. per °C change
Response Time	< 100 mSec
Enclosure	1) DIN STD. 2) 2" Pipe Mount Flameproof
Dimensions	96 (H) x 96 (W) x 65 (D) in mm approx. for DIN STD. Enclosure
Mounting	Flush of the panel for DIN STD. Enclosure & Wall mount for FP/WP enclosure
Weight	250 gms. Approx.
Operating Conditions	Temperature -20 to 55 °C / Humidity 5 to 95% non condensing
OPTIONAL	
Alarm Output	DC SSR Contact-2 Nos. Configurable for high & low (1 c/o, 1 Amp. @ 24V DC/48 V CD)

Dimensional Details



Ordering Information

Sample Order Code : 29B-52B

Parameter	Code	Value	Parameter	Code	Value
29 Electronics Enclosure	29A	DIN	52 Alarm Output	52A	1 Alarm
	29B	Weather Proof		52B	2 Alarm
	29C	Flame Proof		52Y	None

Note : • Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
 • Accuracy defined at Lab Conditions. • For other requirement please consult factory.

Applications

Food Industry	Chemical Industry	Atomic Energy	Manufacturing Industry
Automation Industry	Thermal Power Energy	Process Industry	Water Treatment Industry

ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:

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