



DIAM - 151KK

DIGITAL PANEL METER WITH BAR-GRAPH INDICATOR

Features

- Loop Powered
- 51 segment Bar-Graph
- 4 to 20 mA Input
- 96mm X96mm DIN Standard or 2" Pipe Mounting.
- 5 Digit LED Display with Tricolor Bar-graph



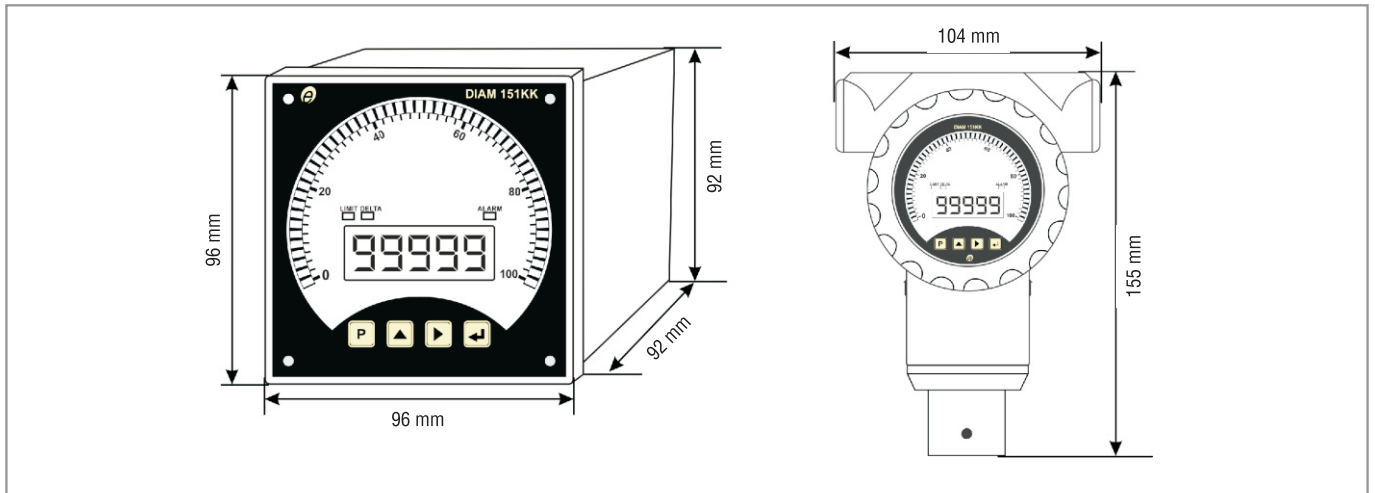
Description

Electronet series DIAM-151KK is a Loop Powered Tri-color 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. The indicator is powered from the 4–20 mA loop signal. The signal indication is displayed on the 5 digit 0.3" LED display as well as on the 51 segment tri-colour bar-graph. The range is programmable through front membrane keypad. The voltage drop across the loop terminals is approximately 3.6 V DC.

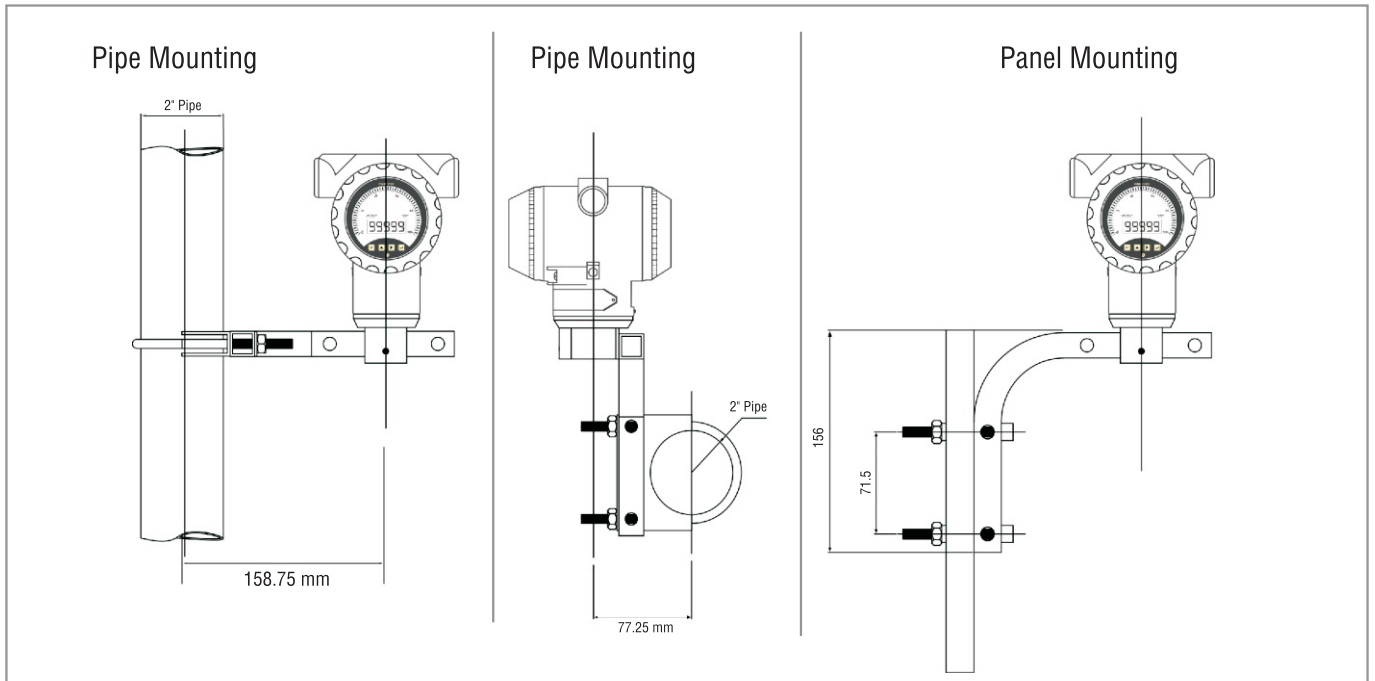
Technical Specifications

Input	4–20 mA DC, 2-Wire
Display	5 Digit, 0.3", 7 Segment red LED
Bar-Graph	51 Tri-color LED for Bar-Graph
Accuracy	± 0.2% of F. S.
Power Supply	Loop Powered (Powered from Input 4–20 mA)
Alarm Output	2 DC SSR OP / Open collector output
Response Time	500 mSec
Enclosure	DIN Standard 96 x 96 or Aluminum Die-Cast Flameproof CMRI (IIA, IIB Certified) CMRI (II A / II B Certified)
Enclosure Material	MS Powder Coated / Aluminum Die-Cast
Mounting	Flush of the Panel / 2" Pipe Mounting
Operating Temperature	-20 to 55 °C
Relative Humidity	5 to 95 Rh at 35°C non condensing
Termination	Through Strippable Connector
Set Point Indication	Through orange LED, this LED starts blinking when process value crosses the set point.
Diagnostics	1) Shows 'UNDER' message when input is below 3.85 mA. 2) Shows 'OVER' message when input exceeds 21.8 mA. 3) If input fuse blows up, then the fuse blown LED will be 'ON'.

Dimensional Drawing



Installation Drawing



Ordering Information

Sample Order Code : 29A

Parameter	Code	Value
29 Electronics Enclosure	29A	DIN
	29B	Weather Proof
	29C	Flame Proof

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.

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