

Features

- Indication through LCD Display
- Input type selectable Analog & Digital
- Normal mode for Operation
- USB Facility for Data logging
- Software Calibration
- Communication GSM or GPRS



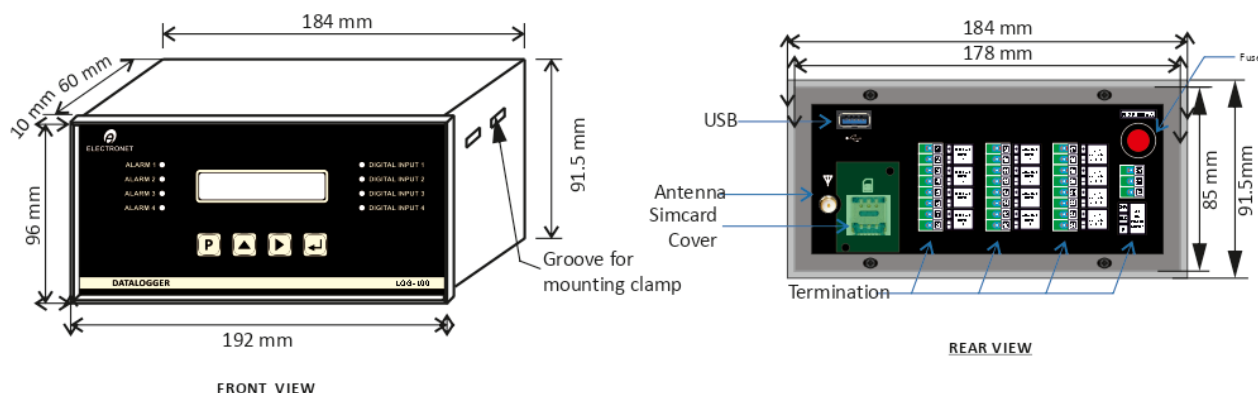
Description

Electronet series LOG-100 is microcontroller based data logger. These can be used for logging data in USB Pendrive. The input can be Analog or Digital or Both. The micro-controller based design provides full flexibility for required applications. All operating parameters are programmable through front membrane keypad. Individual LED display available for channel number, process value & engineering unit.

Technical Specifications

Performance Characteristics	
Instrument Name	DATALOGGER
Model No.	LOG-100
Display	16 Character 2 line Alphanumeric LCD with BackLight control
Power Supply	1) 24V DC 2) Solar Powered - 24V DC
Power	2 Watt maximum
Digital / Flow Input	4 Nos.
Digital Inputs Type	Pulse rate 200Hz Max, TTL input
Analog Inputs Type	4 Nos.
Analog Input Type	4-20mA / 1-5V Factory Settable
Max. Operating	50 °C
Storage	0 - 80 °C
Humidity	0 - 80 Non Condensing
Accuracy	± 0.1% of Full Scale
Programme	Saved in non-volatile PEN DRIVE . No battery backup necessary
Data Retention	10 Years Maximum
Bazel Size	96mm (H) x 192mm (W) x 60mm (D)
Mounting	Panel Mounting
Enclosure	1) DIN Standard 2) Field Mount IP 65
Weight	Less than 4 Kg (Approx.)
Ambient Temperature	Temperature -20 to 55°C / Humidity 5 to 95% non condensing

Assembly Overview & Dimension Details



Ordering Information

Sample Order Code : LOG 100-A1-B1-C1-D1-E1-F1

Parameter		Code	Description
A	Electronics Enclosure	A1	DIN Standard
		A2	Field Mount IP 65
B	Input Power Supply	B1	24V DC
		B2	Solar Powered - 24V DC
C	Analog Input	C1	4 to 20 mA - 4 Channel
		C2	1 to 5 V - 4 Channel
		CX	NA
D	Digital Input	D1	0 to 200 Hz - 4 Channel
		DX	NA

Parameter		Code	Description
E	Relay or Alarm Output	E1	Open Collector Alarm Output - 4 Channel
		EX	NA
F	Communication Output 1	F1	GSM
		F2	GPRS
		F3	RS485
		FX	NA

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.
- This product is meant for laboratory/Process application only and not for custody transfer application.

ELECTRONET EQUIPMENTS PVT. LTD.

Registered Office:

Plot No. 84, 85, 86, Tiny Industrial Estate,
Kondhwa Budruk,
Pune-411 048, Maharashtra, India.

Factory Address:

Plot No. 8, (SEZ) Phase 1, Kesurdi MIDC,
Khandala, Dist.- Satara
Pin: 412 801, Maharashtra, India.



+91-20-26931476
+ 91 99229 31722
+ 91 99224 42183



ho@electronet.co.in
enquiries@electronet.co.in



www.eeplindia.com