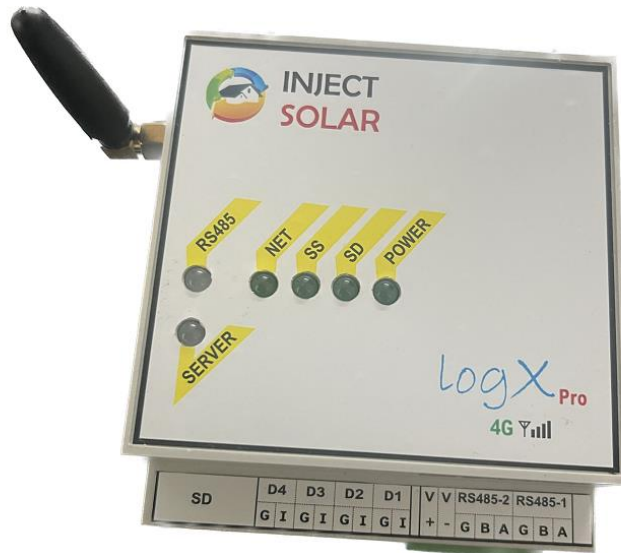




INJECT RENEWABLES

DATASHEET- LOGX-PRO (SOLAR SYSTEM MONITORING SENSOR)



Document Name	LogX-Pro Datasheet
Hardware Name	LogX-Pro (4G or Wifi)
Document Number & Revision	IS-HW-LP-DS-001, Rev-0 (3 pages)
Document Type	Restricted
Document Release	1-APR-2023

1. Technical Specification:

1.1. Electrical

Input Supply Voltage	: 7-12 volt
Current Consumption	: < 1 amp
Power Consumption	: < 5 watts

1.2. Communication

Network Type	: 4G / Wifi
SIM card type	: Mini
Time interval for data logging	: 1-15 minute

1.3. Interface

MODBUS RTU	: RS-485 (2 Wire)
Baud Rate	: 9600 MHZ
Maximum no of devices that can be connected	: 5 / 10 / 20 / 25
Type of compatible devices	: Inverters, Energy Meters, String Monitoring Cards

1.4. Sensors

No of sensor inputs	: 4-analog and 4-digital
Compatible sensors output	: 4-20mA or 0-5 volt

1.5. Memory

EEPROM	: It can store data for 2 days in case the GPRS connection to server is lost.
SD Card	: 8 GB

1.6. Indications

LED for	: 1. Power 2. Server connection 3. Modbus Connection 4. Network
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1.7. Protection

1. Reverse current protection
2. Isolated RS-485 transceivers

1.8. Operating conditions

Operation temperature (Ambient) : 0 to +50 degree
Humidity : 0-95% Non-condensing

1.9. Mechanical specifications

Dimensions : 110mm*70mm*72.5 mm
Protection : IP50

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