



# TEMPERATURE MONITOR

The Temperature monitor is an ideal Instrument for monitoring temperature and/or humidity were critical items need to be monitored. The unit can be used in conjunction with existing BMS, SCADA, Alarm system, PLC or any logging device that can take an analogue signal. The unit is equipped with both analogue and digital outputs, which are backed up via an on-board battery. The unit monitors the mains status which is battery backed up. The analogue out-put and digital out-put is maintained during power failure making it possible to log the status and temperature during power outages. The unit is equipped with a local alarm which is selectable for specific monitoring.



## Typical Applications

- Monitoring of Medical Supplies
- Monitoring of Air Conditioning Systems
- Monitoring of Office areas and residents
- Climate control in specific areas
- Monitoring of server rooms, digital output can be linked monitoring software or Alarm System where zoning is monitored.

## Features

- Excellent price/performance ratio
- Easy installation
- Long term stability
- Power Monitoring – Mains with alarm
- Low & High Alarm – Temperature/Humidity
- Relay Output – Alarms
- Analogue Output (-5 to 50mA) – BMS
- Battery backup
- Display with backlit screen
- Uses a standard PT100 temperature sensor

## Technical Data

Power supply	: 220VAC
Power consumption	: 3W
Fuse	: 0.5A
Temperature range	: -5 to 50°C
Current loop	: 4 - 20mA (-5 to 50°C)
Current loop type	: Sinking

Voltage required from Terminating equipment	: 24VDC (for 4-20mA terminating)
Battery type	: Lithium Iron
Voltage	: 6V
Capacity	: 4AH
Relay	: Normally Open/Normally Closed
Max switching voltage	: 220VDC, 250VAC
Rated current	: 3A

	MODEL	OUTPUT	DATA LOGGING	BATTERY BACKUP	GSM MODEM
1	Temperature	4-20mA + Digital	OPTIONAL	OPTIONAL	NO
2	Temperature	4-20mA + Digital	OPTIONAL	OPTIONAL	YES
3	Humidity + Temperature	4-20mA + Digital	OPTIONAL	OPTIONAL	NO
4	Humidity + Temperature	4-20mA + Digital	OPTIONAL	OPTIONAL	YES

# SLR Business Solutions PTY Ltd

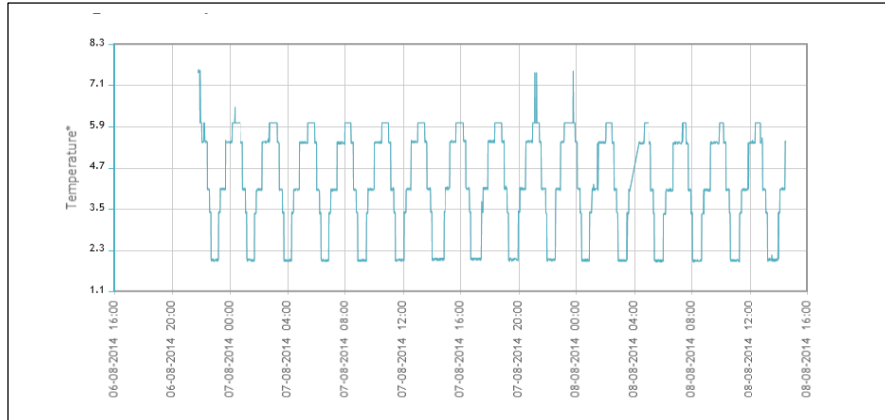
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Registration Number:  
2013/151306/07



<u>DateTime</u>	<u>Temperature</u>
2014/08/06 21:50	7.464600487
2014/08/06 21:51	7.557400398
2014/08/06 21:52	7.534199867
2014/08/06 21:54	7.511000443
2014/08/06 21:55	7.464600487
2014/08/06 21:56	7.464600487
2014/08/06 21:57	6.003000221
2014/08/06 21:58	7.534199867
2014/08/06 21:59	6.478600044
2014/08/06 22:00	6.003000221
2014/08/06 22:01	6.003000221
2014/08/06 22:02	6.003000221
2014/08/06 22:03	6.003000221
2014/08/06 22:04	6.003000221

For more information please do not hesitate to contact us at [info@slrbusinessolutions.co.za](mailto:info@slrbusinessolutions.co.za)