

# LMS-188-4P-BMS-SM



## LMS-188-4P-BMS-SM + ProtoNode Leonard Surface-Mounted 4 Point Digital Monitoring System with Alarm and Enhanced Protocol Communication Interface Module

### Primary Alarm Box includes:

- Four (4) Temperature Probes - Range: -148°F to 212°F Resolution: 1°F
- User adjustable high & low set points and initial alarm delay period
- Audio & visual alarms
- Min./Max. temperature values
- Remote alarm contacts (SPDT) with adjustable relay period
- Battery Back-up, 3.7V, 1150 mAh Li-polymer cell with built in constant current / constant voltage charger with automatic recharge and “low battery” indication
- 4 each 100 ohm RTD sensors, 4” length with 10’ lead wire
- UL listed 100-240VAC power supply w/6’ cord, less than 1 amp
- Abrasive cloth, tie straps and dielectric grease for pipe surface installation (insulation supplied by others)
- Mounting bracket
- Electronic NIST traceable certificate of calibration on file



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.Ca.gov](http://www.P65Warnings.Ca.gov)

### ProtoNode Accessory Box includes:

- Interface Module to connect LMS-188-4P-BMS to Building Management System(-BMS) Network
- Complete Protocol Package
- Supported protocols include BACnet MS/TP, BACnet IP, Modbus RTU, Modbus TCP/IP, SNMP, JC N2
- All configurations available simply by selecting the proper DIP switches
- Cat 5 Ethernet Cable not included

<b>Engineer's Approval</b>	Job # _____
	Arch/Eng. _____
	Contractor _____



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# LMS-188-4P-BMS-SM

## ACCESSORIES

### \_\_\_\_RDU – Remote Display Unit

- Activated when LMS-188-4P relay switch is in alarm mode
- Alarm Delay Module with yellow, red, green LED indicators
- UL listed 100-240VAC power supply with 10' cord, less than 1 amp
- Unit includes 9V NiMH rechargeable battery back up
- User selectable timer
- VELCRO mounting strips provided
- Recommended maximum distance from controller to RDU is 500'

### \_\_\_\_SCO – Solenoid Control Option

- For use with LMS-188-4P relay switch
- Galvanized box with dimensions 6" Wide x 6" High x 4" Deep,
- Solid state relay and terminal strip, mounted and wired inside of the enclosure
- UL listed 100-240VAC power supply with 10' cord, less than 1 amp
- For either normally open or normally closed operation
- For use with 24-240 VAC solenoids only

**SUFFIX RDU**



**SUFFIX SCO**

