LMS-188-4P-BMS

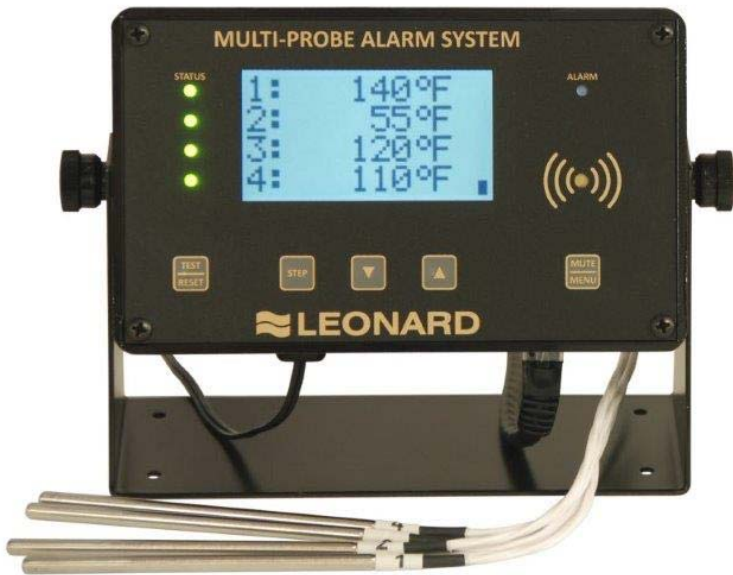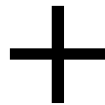**LMS-188-4P-BMS** **+** **ProtoNode**

Leonard 4 Point Digital Monitoring System with Alarm and Enhanced Protocol Communication Interface Module

Primary Alarm Box includes:

- Four (4) Temperature Probes - Range: -148ºF to 212ºF Resolution: 1ºF
- 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
- 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

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

Product is non-cancellable and non-returnable from date from order with factory. Signed submittal required with purchase order.

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

LEONARD ®
WATER TEMPERATURE CONTROLS

1360 Elmwood Avenue, Cranston, RI 02910 USA
Phone: 401.461.1200 Fax: 401.941.5310
Email: info@leonardvalve.com
Web Site: http://www.leonardvalve.com

LMS-188-4P-BMS ACCESSORIES

_____**RDU – Remote Display Unit**
- Activated when LMS-188-4P-BMS 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-BMS 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**