



*Power and Data interface box
For the AR200 laser sensor*

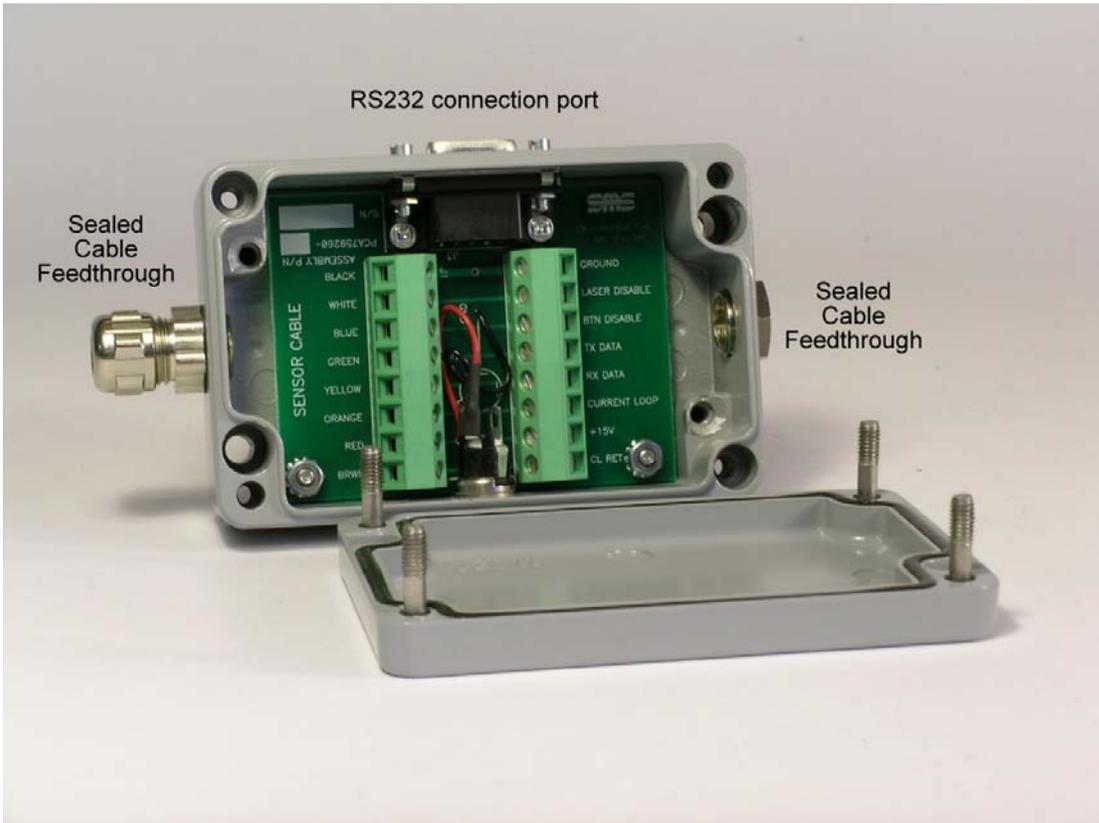
User's Manual

For use with AR200™ Rev. 1.06
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This is a photo of the connectivity box which shows the sealed, cable gland where the AR200's cable feeds through into a wire termination block. Also displayed is the connection socket for the AC power supply.



This photo reveals the inside of the connectivity box. This box is NEMA-4X and can be wall or bracket mounted. It is also possible to take signals out of the connectivity box using the convenient terminal block connections and the second sealed cable feedthrough.

**AR200 POWER SUPPLY/ SERIAL INTERFACE
INSTALLATION INSTRUCTIONS:**

1. TRIM CONDUCTORS FROM SENSOR CABLE TO 2 INCHES
2. STRIP .2 INCHES OF INSULATION FROM EACH CONDUCTOR.
3. CUT OFF AND DISCARD UNINSULATED SHIELD WIRE.
4. REMOVE LID FROM POWER SUPPLY INTERFACE BOX
5. PUSH POWER SUPPLY CABLE THROUGH CABLE GLAND ON THE SENSOR CABLE SIDE OF THE BOX SO THE OUTER SHEATH IS FLUSH WITH THE INSIDE SURFACE OF THE CABLE GLAND.
6. CLAMP EACH CONDUCTOR INTO THE TERMINAL BLOCK PER COLOR LABELING.
7. PLUG POWER SUPPLY AND SERIAL CABLE INTO INTERFACE BOX.
8. IF OTHER USER CONTROLS ARE TO BE USED, ATTACH THEM TO OTHER INTERFACE TERMINAL BLOCK.
9. REPLACE THE LID AND TIGHTEN SCREWS.

