



## INSTALLATION INSTRUCTIONS:

NOTE. WORK IS TO BE PERFORMED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH LOCAL AND/OR NATIONAL CODES. WRENCH SENSOR HEAD ONLY AT HEX BASE. DO NOT OVERTIGHTEN OR DAMAGE MAY OCCUR TO SENSOR HEAD O-RING SEAL AND/OR THREADS. FOR WIRING AT CONTROLLER, REFER TO SCHEMATIC INCLUDED.

1. RUN APPROVED 3/4" CONDUIT FROM CONTROLLER TO A STUB UP IN POOL FORM. CONDUIT SHOULD BE STUBBED UP SO FORMING NICHE, WHEN THREADED ON, WILL BE AT CORRECT LOCATION AND ELEVATION.
2. REMOVE NICHE COVER AND KEEP COVER, FOUR MACHINE SCREWS, SENSOR HEAD, AND SENSOR CABLE IN A SAFE PLACE UNTIL NEEDED.
3. SECURELY THREAD FORMING NICHE ON TO CONDUIT STUBUP AND PACK INSIDE OF NICHE WITH RAGS OR PAPER TO STOP CONCRETE FROM GETTING INSIDE DURING POUR. USING TIE WIRE OR ANOTHER ACCEPTED METHOD, FASTEN NICHE AND CONDUIT TO POOL FORMS SO THAT NICHE WILL BE AT CORRECT LOCATION AND ELEVATION, AND WILL BE FLUSH WITH FINISHED POOL WALL. PROPERLY GROUND NICHE USING GROUND LUG MOUNTED ON BACK OF NICHE.
4. AFTER POOL IS POURED, CONCRETE IS DRY, AND FORMS ARE DISMANTLED, TAKE 50' SENSOR CABLE (PRE-WIRED TO SENSOR HEAD, DO NOT REMOVE PROTECTIVE WRAPPING), AND CAREFULLY PULL IT THROUGH CONDUIT FROM NICHE TO CONTROLLER UNTIL SENSOR HEAD IS ALMOST IN NICHE. IF DISTANCE IS MORE THAN 50', A PULL BOX MUST BE USED AND COLOR CONTINUITY OF WIRE TO CONTROLLER MUST BE MAINTAINED.
5. REMOVE PROTECTIVE WRAPPING ON SENSOR HEAD AND CAREFULLY PULL REST OF CABLE THROUGH CONDUIT UNTIL SENSOR HEAD IS TOUCHING SENSOR BASE. TURN SENSOR HEAD THREE COMPLETE TURNS COUNTER-CLOCKWISE AND THEN SCREW SENSOR HEAD CLOCKWISE INTO SENSOR BASE. THIS SHOULD TAKE APPROXIMATELY THREE TURNS, AND IF DONE PROPERLY WILL MINIMIZE ANY CABLE TWISTING AT SENSOR.



# LS200-W

## Water Level Sensor & Forming Niche

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