

SPECIFICATIONS

A31UR Battery Operated, Self-Powered

Display: UV Protected Liquid Crystal, 8 Digit

Housing: NEMA-4

Features: Maximum frequency: 10 Hz
Minimum frequency: 0 Hz
Minimum pulse width: 10ms
Operating humidity: 100%
Maximum distance: 500' *
*(depending on wire & electrical noise)

Operating Temperature: - 40°F to 180°F

Dimensions: Height: 4¾" Width: 3" Depth: 1"

Weight: 5 oz.

Input: Reed Switch or Capacity Discharge
Generated Pulses



06/15

CARLON METER, INC. PRODUCT WARRANTY

Carlton Meter, Inc. (hereinafter Carlton or "the company") warrants products of its manufacture to be free of defects in material or workmanship. Liability under this warranty extends for twelve (12) months from the date of purchase. Liability is limited to repair or replacement of any failed product or assembly proven to be defective in material or workmanship upon manufacturer's examination. Removal and installation costs are not included under this warranty. Manufacturer's liability shall never exceed selling price of the meter or assembly in question. Carlton disclaims all liability for damage its products caused as the result of improper installation, maintenance, use or attempts to operate products beyond their intended functionality, intentionally or otherwise. Carlton is not responsible for damages, injuries or expenses incurred through the use of its products. The above warranty is in lieu of all other warranties, either expressed or implied. No agent of the company is authorized to alter or otherwise revise this warranty.

For complete specs visit our website: www.carltonmeter.com



Installation and Operating Instructions Carlton® Universal Remote A31UR



Leaders in water measurement and control

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Carlton® A31UR Universal Remote Instructions

- You need to provide:**
 - 2 - #10 pan head screws** of the appropriate length for the surface the remote is going to be mounted on.
 - Wire** for connecting the meter to the remote. 18 or 20 gauge twisted pair wire is recommended.
- Use the locating notches on the back plate to locate the proper position to drill the mounting holes.
- Mount the screw into the top hole and leave just enough room for the keyhole notch to allow the remote to slide down and secure the box at the top.
- Remove the bottom cover and keep available to replace when finished.
- Connect the wire from the meter's switch to the remote.
- For all reed switched meters: JLPRS, SSMRS, MRS, Hot or Cold Turbines;** use the terminals **COM** (Common) & **RS** (Reed Switch). There is no polarity to the wiring for a reed switch. Attach the wires coming from the meter to remote by putting one wire on the **COM** (Common) terminal and the other wire on the **RS** (Reed Switch) terminal.
- For JLR meters and other generator register meters** attach the wires to **COM** (Common) & **CAP** (Capacity). There is no polarity but a generator register sends a very different signal than a reed switch.
- Secure the remote to the wall by installing the second screw through the second hole from the bottom. This hole DOES NOT have wire in it.
- Replace the cover. The mounting is complete.