



State of California
 Department of Food and Agriculture
 Division of Measurement Standards

Certificate Number: 3427(b)-95
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California Type Evaluation Program
Certificate of Approval
for Water Meters

For:
 Sensus Domestic Type
 Cold Water Meter
 Models: SR and SRII

Submitted by:
 Sensus Technologies, Inc.
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Standard Features and Options

MODEL	SIZE (in)	MAXIMUM RATE (gpm)
SR	5/8 x 3/4	20
SRII	5/8	20
	3/4	30
	1	50

Oscillating piston type measuring element with a gallon or cubic foot register.
 Bronze/thermoplastic body
 Tamperproof sealing feature

Options: Synthetic polymer bonnet
 Synthetic polymer or cast iron main case bottom plate
 Remote reading unit

NOTE: The American Water Works Association (AWWA) cautions against installing cold-water meters in such locations that the line temperature consistently exceeds 80 °F (27 °C). These devices should be so installed that they are protected from excessive heat and freezing conditions.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: September 28, 1995

Darrell A. Guensler
 Chief, Division of Measurement Standards

Sensus Technologies, Inc.
Sensus Domestic Type Cold Water Meter
Models: SR and SRII

Application: Approved as a domestic type cold water metering device where the flow is in one direction only.

Identification: The model number is cast on the meter body and printed on the register face. The serial number is embossed on the register lid and prefaced by S/N.

Sealing: A wire security seal can be threaded through drilled head screws on the meter.

Operation: Water flows through the meter's strainer and into the measuring chamber where it drives the piston. A drive magnet transmits the motion of the piston to a driven magnet in the register, which is connected to the register gear train. This reduces the piston oscillations into volume totalization units displayed on the register face.

Test Conditions: This certificate supersedes Certificate of Approval Number 3427(a)-91 and is issued to include meter Model SR. This issuance is based upon this meter being previously approved for Rockwell International Corporation (Certificate of Approval Number 1665(a)-84) and information provided by the manufacturer.

Certificate of Approval Number 3427(a)-91:

This approval added meter sizes 3/4" and 1".

Certificate of Approval Number 3427-90:

The devices are identical to the Rockwell domestic cold water meter (Certificate of Approval Number 2959(a)-83) with the exception of the manufacturer's name. Rockwell International Measurement and Flow Control Division is now Sensus Technologies.

The results of the evaluations indicate the devices comply with the applicable requirements.

Type Evaluation Criteria Used: California Code of Regulations, 1995 Edition

Tested By: Sally Barron (CA)

Reviewed By: Ronald Flores (CA)