A low cost method of monitoring water quality via conductivity.

Resilite®

Should not be used as the primary indicator for critical or medical applications.

SPECIFICATIONS

Available Thresholds: 10K to 1 Meg ohm·cm
Accuracy: ± 15%
Thread: ½" NPT with o-ring or ¾" NPT
Weight: 200 gm
Housing Material: ABS Black
Electrode Material: Monel
Sampling Frequency: 150 Hz
Sampling Voltage: 2.2 volts peak at threshold
Supply Voltage: 120 VAC
Supply Frequency: 60 Hz
Output Voltage: 9 VDC
Output Current: 200 mA
Cord Length: 9 feet
Working PSI: 125 psi
Maximum Temperature: 100°F
Typical DC Current: 35mA
Typical Lumen Output: Green 80 mcd
Red 200 mcd

The square wave Resilite is an economical method of monitoring water quality via conductivity.

The bright red or green visual output is easy to read. The monitoring is simple; the green light indicates the water conductivity is below the threshold value; the red light indicates that it is above.

The LED output and solid state circuitry will outlast conventional neon lamps.

Values from 10,000 ohm·cm to 1 Meg ohm·cm.

RESISTIVITY (ohm•cm)	CONDUCTIVITY (µS/cm)	~ TDS ± 15% (ppm)
1 MEG	1	.50
500K	2	1.0
200K	5	2.5
50K	20	10
20K	50	24
10K	100	48

Stock thread sizes are ½" NPT and ¾" NPT. Electrodes must be fully immersed at all times. Avoid installation in air pockets or where air pockets can form.

Resilite®

ACCESSORIES

The **RA201 890 Plastic Distributor Head** is designed for installation of a ½" Resilite in single in-out applications on deionizers. The threaded opening on the outlet side places the monitor electrodes into the water flow for greater accuracy. This economical head is molded of rugged plastic, fits a standard 2½"- 8 tank opening, adapts to a 13⁄16" riser and has ¾" NPT inlet and outlet for straight line installation.

The **RA102 Plastic Tee** is designed for in-line installation of a ½" Resilite. The threaded center opening places the monitor electrodes into the water flow for greater accuracy. The inlet and outlet of the tee are ¾" socket joints (solvent weld).

ORDER INFORMATION

RESILITES®

ORDER NUMBER	DESCRIPTION	QTY PER CTN
R7031-10K	120V 10K ohm • cm ½"	1
R7031-20K	120V 20K ohm • cm ½"	1
R7031-50K	120V 50K ohm • cm ½"	1
R7031-200K	120V 200K ohm • cm ½"	1
R7031-500K	120V 500K ohm • cm ½"	1
R7031-1MEG	120V 1 Meg ohm • cm ½"	1
R7046-10K	120V 10K ohm • cm ¾"	1
R7046-20K	120V 20K ohm • cm ¾"	1
R7046-50K	120V 50K ohm • cm ¾"	1
R7046-200K	120V 200K ohm • cm ¾"	1
R7046-500K	120V 500K ohm • cm ¾"	1
R7046-1MEG	120V 1 Meg ohm • cm ¾"	1

ACCESSORIES

ORDER NUMBER	DESCRIPTION	QTY PER CTN
R7009	RA201 890 Plastic Head w/Adaptor	1
R7011	RA102 Plastic Tee	1

GENERAL INFORMATION:
The Resilite monitor requires that the water be flowing to use indicator light. Ions tend to migrate to the testing cell and affect the reading if the water is not flowing.

Should not be used as the primary indicator for critical or medical applications.

Clack®
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