

Resistivity monitor LAS



USER MANUAL

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Resistivity monitor
LAS

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RES

315-02/1

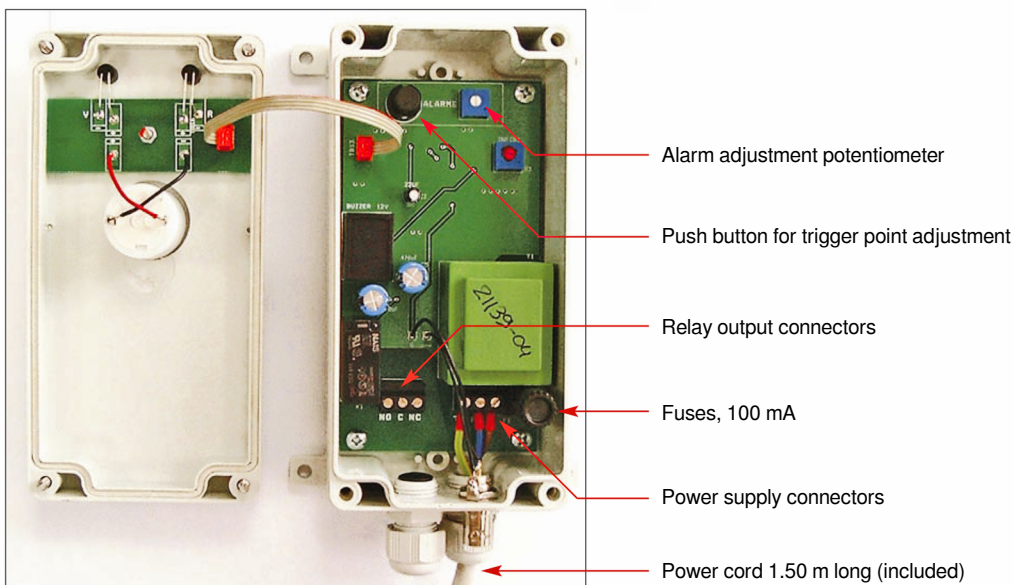
LAS is suitable to monitor demineralized water, indicating permanently the resistivity. The alarm sounds each time the resistivity is lower than the pre-set value; it reset only when the resistivity is back to a greater value. The scale 0...2 M Ω is expanded to allow a comfortable reading from 20 to 500 k Ω .cm with centred value at 100 k Ω .cm bringing a safe information. The instrument is convenient for monitoring demineralisation systems anions / cations , without automatic control.

Associated probes:

Our probes with cell factor 0.1 are suitable (data-sheet 360-01), however the probe BC 1425/BNC - R 1/4" is particularly convenient.

START UP – Test

- 1) Fit the probe: the cell must be in water all the time
- 2) Connect the LAS to power supply and the probe to the monitor input.
- 3) Alarm adjustment for buzzer and LED
 - Open the lid of LAS (4 screws on the housing)
 - Let the display visible for further adjustment operations
 - Press the push button: trigger point is shown by galvanometer
 - Adjust it with the potentiometer on the right at the desired value
 - Screw the cover back on the device



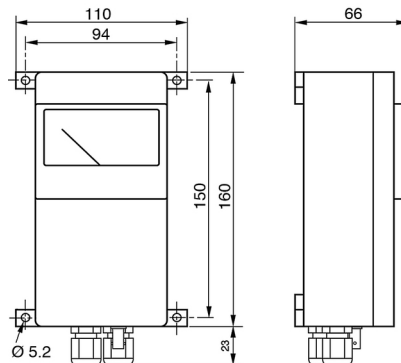
Test:

- Strap on the coaxial connector of input signal probe to obtain a short circuit
LAS must display 0; below the set point, the audible and visual alarm must actuate.
- Take off the strap, let free the coaxial connector, display shows over 2 M Ω .
- Connect a resistor of 10 k Ω instead of probe, display must be 100 k Ω (cell factor is 0.1 for LAS).

TECHNICAL FEATURES

Measuring range	0... 2 M Ω .cm, expanded scale centered on 100 k Ω .cm
Alarm	Buzzer and red LED on the front
Output	Change over contact
Switching power	5 A, 250 V AC ; 5 A, 30 V DC
Housing	ABS – Dim. 80 x 160 x 55 mm
Power supply	230 V AC / 50 Hz

EC Conformity: The instrument meets the legal requirements of the current European Directives



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