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## To receive a calibration and/or repair quote-RMA from R.A.E. Services Inc. Click here>> www.raeservices.com/services/quote.htm SOURCE MILLIAMPS SIMULATE 2-WIRE TRANSMITTERS

Disconnect one or both input wires from the device to be checked or calibrated. Attach the red (+) lead of the ALTEK MODEL 234 to the plus input of the device to be calibrated, connect the black (-) lead to the minus terminal. Turn the SOURCE/READ/2-WIRE mode selector switch to the SOURCE position. Turn on the Model 234 to the PERCENT or mA position, as desired. Actual current sent through the loop is seen as a PERCENT or MILLIAMP reading in the LCD display.

Output current is continuously adjustable with the "QUIK-CHEK" (0%/DIAL/100%) switch in the DIAL position. The SOURCE current can be set from 0.00mA (-25.0%) to 24 mA (125.0%). In the mA mode, the display reads up to 19.99 mA. For display of higher outputs, use the PERCENT position. Exact 4.00 and 20.00mA output is instantly available in either mode by the use of the "QUIK-CHEK" switch.

Disconnect any existing 2-wire transmitter from the loop to be checked or calibrated. (Only one of the two wires need be disconnected.) Leave the power source and the receiver in place.

Put the mode selector in the 2-WIRE position. Connect the red lead of the ALTEK Model 234 to the plus (+) terminal of the field connections. Connect the black lead to the minus (-) terminal and turn the 234 on. The LCD display will read the loop current in PERCENT or mA, as selected. 0% (4.00mA) DIAL adjustment and 100% (20.00mA) are selected with the right hand "QUIK-CHEK" switch. Instant ZERO and FULL SCALE checks are made with the 0% and 100% positions. The DIAL mode allows continuous adjustment of the 2-wire current from 0.00mA (-25.0%) to 24mA (125%). Complete any necessary recalibration and turn the ALTEK Model 234 off. Reconnect any wires removed for checkout.



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