


AEMC Micro-Ohmmeter Model 6255
QUICK REFERENCE GUIDE

 **READ THE USER MANUAL AND COMPLY WITH ALL PRECAUTIONS FOR USE**

LIST OF ERROR CODES

- Err 1** Low battery level
- Err 2** Internal problem
- Err 3** Unable to measure battery
- Err 4** Unable to measure temperature
- Err 5** Internal temperature too high - let the instrument cool down
- Err 6** Unable to establish current measurement
- Err 7** Measurement out of range
- Err 8** Internal problem
- Err 9** Measurement cycle stopped
- Err 10** Temperature sensor incorrectly connected or missing
- Err 11** Current leads incorrectly connected
- Err 12** Voltage leads incorrectly connected or measured resistance too high
- Err 13** Residual voltage too high
- Err 21** Adjustment out of range
- Err 22** Measured value out of range
- Err 23** Entry out of range
- Err 24** Unable to write to memory
- Err 25** Unable to read memory
- Err 26** Memory full
- Err 27** Memory empty; no data available
- Err 28** Memory check problem
- Err 29** Object or test number incorrect


 **WARNING:** If Error message 2, 3, 4, or 8 appears, the instrument must be sent to a qualified organization for repair. See the Repair and Calibration section in the user manual for return instructions.

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
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LIST OF ERROR CODES






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BUTTON FUNCTIONS

2nd	Activates the secondary function of a button. The  symbol appears on the left side of the screen. Press this button and then press the desired button to select the secondary function.
▲	In SET-UP mode, selects a function or increments a flashing parameter.
▼	In SET-UP mode, selects a function or decrements a flashing parameter.
▶	In SET-UP mode, accesses the function to be modified. In Wrap-Around mode, selects the parameter to be modified (from left to right).
■	In SET-UP mode, shifts the decimal point and selects the unit.
PRINT	Immediate printing of the measurement to a serial printer. If the temperature compensation function has been activated, the calculated result and the temperatures involved are also printed.
PRINT MEM	Retrieves stored data for printing (this function is independent of the setting of the switch) except in the OFF and SET-UP positions.
R (Θ)	Activates or deactivates the temperature compensation function to calculate the resistance measured at a temperature other than ambient measurement temperature.
ALARM	Activates or deactivates the alarms. High or low triggering values are adjusted in SET-UP.
	Selects the desired measurement mode prior to starting one of the following measurements: Inductive mode (continuous test), non-inductive mode (instantaneous test) or non-inductive mode with automatic triggering (multiple tests).
METAL	Selects the metal type for the temperature compensation calculation: Cu, Al, or Other metal.
MEM	Stores the measurement at an address identified by an object number (OBJ) and a test number (TEST). Two presses on this button are required, one to select the location (use the ▲ and ▶ buttons to change the location) and another to store the measurement.
MR	Retrieves stored data (this function is independent of the selector setting of the switch) except for the OFF and SET-UP positions. Data is viewed using the ▲ and ▶ buttons. The R (Θ) ,  and ALARM buttons can be used.
	Turns the display backlight ON or OFF.
	Activates or deactivates the buzzer and adjusts the sound level.

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PROGRAMMING MENU

	Parameter to be Modified	Key	Display			Value	Changing of Values
			Main*	Secondary	Symbol		
▲ (1 st push)	RS communication	▶	Prnt	rS	-	Prnt / OFF / tri9 / PC / ut100 + rate	- type of communication : successive presses of ▲ - adjustment of baud rate : ▶ then ▲
▲ (2 nd push)	BUZZ buzzer sound level	▶	-	BUZZ	(((•••)))	Low / High or OFF	- successive presses of ▲
▲ (3 rd push)	EdSn display of serial no.	▶	number	EdSn	-	-	- 3 presses of ▶ displays full serial number
▲ (4 th push)	EdPP display of firmware rev.	▶	number	EdPP	-	-	- press ▶ display version number
▲ (5 th push)	Lan9 printing language	▶	L9 F	Lan9	-	F / 9b	- press ▲ selects language
▲ (6 th push)	trEF reference temp.	▶	value	trEF	°C or °F	-10 to 55°C	- press ▶ to change the digit - press ▲ to change the value of the digit
▲ (7 th push)	tAnb ambient temp.	▶	nPrb	tAnb	°C or °F	Prb or nPrb if nPrb : -10 to 55°C	- with or without temperature probe : press on ▲ - If nPrb : ▶ then - press on ▶ to change the digit - press on ▲ to change the value of the digit
▲ (8 th push)	nEtA metal selection	▶	value	nEtA	Cu or Al or Other metal	Cu or Al or Other metal	- successive presses of ▶
▲ (9 th push)	ALPH Other metal coeff.	▶	coeff. value	ALPH	Other metal	0 to 100.00 (10 ⁻³ /°C)	- press ▶ to change the value of the digit - press ▲ to change the value of the digit
▲ (10 th push)	dE9 temperature unit	▶	dE9c	dE9	-	dE9c (°C) or dE9F (°F)	- press ▲
▲ (11 th push)	ALAr alarms (values and directions)	▶	value	ALAr	ALARM + (((•••)))	ALARM 1 or 2 ▲ or ▼ 5mΩ to 2500Ω	- choice of parameter to change : successive presses on ▶ - modification of parameter : ▲
▲ (12 th push)	LI9H duration of backlighting	▶	t=1	LI9ht	-	1 min / 5 min / 10 min or OFF	- press ▲
▲ (13 th push)	nEn clear memory	▶	dEL	nEn	-	dEL or dEL O (all memory or object)	- press ▲ then ▶

*Displays Shown are the Default Conditions

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			Main*	Secondary	Symbol		
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▲ (2 nd push)	BUZZ buzzer sound level	▶	-	BUZZ	(((•••)))	Low / High or OFF	- successive presses of ▲
▲ (3 rd push)	EdSn display of serial no.	▶	number	EdSn	-	-	- 3 presses of ▶ displays full serial number
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