



Model 1235 (3 1/2")

- ▲ Polycarbonate case and window
- ▲ Molded matte finish
- ▲ Tough, high temperature polycarbonate case
- ▲ Bold lettering and scale arcs that provide clean crisp readability
- ▲ Self-shielding mechanism for mounting on either magnetic or non-magnetic panels
- ▲ Wide selection of Ranges

The versatile Model 1235 3 1/2" round panel meter has been designed for cost effectiveness while maintaining the quality that has made LFE/api a leader in the test and measurement marketplace. The Model 1235 is available in AC, DC, Pyrometer and Process Control Ranges. Special ranges and options are available to meet your instrumentation requirements.

Options

- ▲ Glass Window
- ▲ 1/4" terminal spacing
- ▲ Pivot-and-Jewel mechanisms
- ▲ Special accuracy and tracking specs
- ▲ Customized scales
- ▲ Mirrored scales
- ▲ Special ballistic response
- ▲ Temperature compensation
- ▲ Special resistance

Model 1235 Specifications					
Specifications	DC Ranges		AC Ranges (Rectifier Type)		Pyrometer
	Current	Voltage	Current	Voltage	
Accuracy	±2%	±2%	±3%	±3%	±2%
Tracking	Optional	Optional	Optional	Optional	N/A
Balance	±1%	±1%	±1%	±1%	±1%
Repeatability	Taut band	< 1/4%	< 1/4%	< 1/4%	< 1/4%
	Pivot-and-Jewel	2%	2%	2%	2%
Resistance Tolerance	±20%	±5%	————	< 10V ±20% ≥ 10V ±5%	N/A
Overload Capacity	1 Second	1000%	≤ 100V 1000% > 100V 200%	150%	150%
	Continuous	150%	120%	150%	150%
Calibration Frequency	————	————	60 Hz	60 Hz	N/A
Overshoot (maximum)	20%	20%	20%	20%	N/A
Response Time (maximum)	Sensitivity ≥50µa	1.5 sec	1.5 sec	1.5 sec	1.5 sec
	Sensitivity <50µa	3 sec	3 sec	3 sec	3 sec

Effects of shock, vibration, humidity and temperature are equal to or better than ANSI C39.1-1981.
 Safety (dielectric test, leakage and other hazards): instruments are equal to or better than ANSI C39.5-1974.
 The above tolerance limits apply to the standard ranges listed in this bulletin. Special instruments may vary from these limits.
 Rated circuit to ground voltage = 800 Vrms (1100 Peak).

DC Ranges	
DC Microamperes	5 to 1000
DC Milliampers	1 to 1000
DC Amperes	1 to 50
DC Millivolts	5 to 1000
DC Volts	1 to 500

Process Ranges	
DC Milliampers	1-5 4-20 10-50
DC Volts	1-5, 0-10

AC Ranges (Rectifier Type)	
AC Microamperes	100 to 1000
AC Milliampers	1 to 1000
AC Amperes	1 to 50
AC Millivolts	250 & 500
AC Volts	1 to 500

Thermocouple Pyrometers	
Contact Factory	



Model 1235 Dimensions			
Model	Height	Width	Depth*
1235 (3 1/2")	3.53	3.53	1.90

Dimensions are in inches.
 * Depth = front of panel to end of terminals.
 See price sheet for part numbers.
 Contact Factory for more information & dimensional drawings.