250° Long Scale Panel Meters



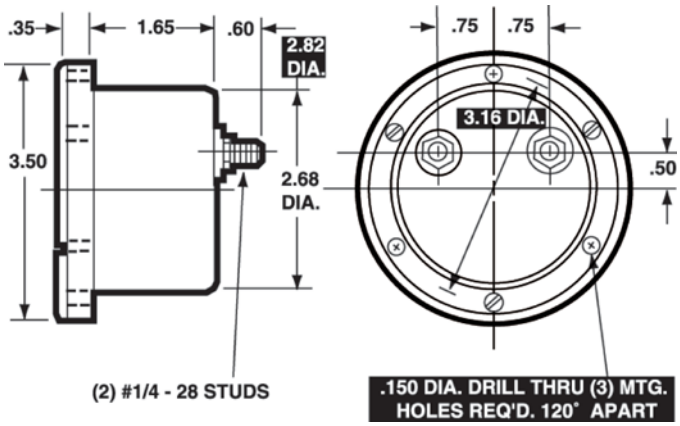
- ***Excellent readability -- more than double the scale length of standard movements***
- ***Sealed round metal or square plastic cases with glass windows***
- ***Zero adjust from front panel***

Specifications

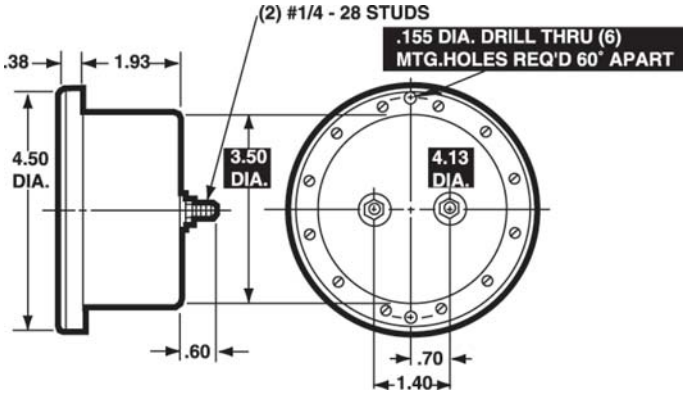
Accuracy:	AC: ±3% full scale (F.S.) DC: ±2% full scale (F.S.)
Movement:	AC: Rectifier type, DC: self-shielded, permanent magnet
Suspension:	Pivot and jewel
Tracking:	±3%
Shielding:	Calibration is unaffected by magnetic panel mounting.
Response Time:	1.5 seconds maximum
Overload (1 sec.):	10 times F.S.
Overload (Continuous):	1.5 times F.S.
Repeatability:	2%
Dial:	Sharp clear scale. Each dial arc is calibrated to track the specific type of movement used.
Case:	Models 2523, 2524, 2543 & 2544: Metal Models 2123L, 2143L: Black plastic
Resistance:	±15% of meter impedance
Operating Temperature:	-4°F to +149°F (-20°C to +65°C)
Pointer:	Red, knife-edge
Scale Length:	Models 2123L, 2523, 2543 & 2143L: 4.77" (121.16mm) Models 2524, 2544: 6.54" (166.0mm)
Net Weight:	Models Model 2523, 2123L, 2543 & 2143L: 8oz (230g) Models 2524, 2524, 2544: 9oz (260g)

Dimensions

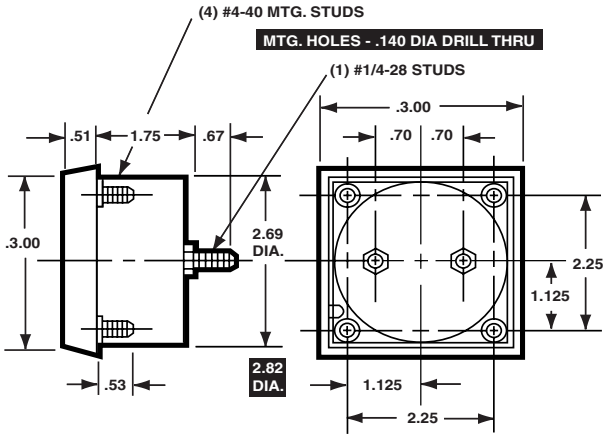
3 - 1/2”-Model 2543, 2523 Round Style



4 - 1/2”-Model 2524, 2544 Round Style



3 - 1/2”-Model 2123L, 2143L Square Style



1 = Panel Meter Cut-out Dimensions

MOD-TRONIC INSTRUMENTS LIMITED
1 Delta Park Blvd, #12 Brampton, ON L6T 5G1
Tel 905-457-6322 or 1-800-794-5883
Fax 905-457-4716 or 1-800-830-7122
sales@mod-tronic.com www.mod-tronic.com

250° Long Scale Analog Panel Meters

Ordering Information

Percent Motor Load Meters, Self-Shielding Movement

Range	Approx. Impedance (Ohms) @ 60Hz	Model/Size and Catalog Number 3-1/2" Model 2543	3-1/2" Model 2143L	4-1/2" Model 2544
0-5 ACA	0.5VA Maximum*	< >	17918	< >
Motor Load Current**		< >	17919	< >

* Internal transformer burden
** Dial reads 0-150% Motor Load Current
< > Available on special order

AC Voltmeters Rectifier Type, Self-Shielding Movement

Range	Approx. Impedance (Ohms) @ 60Hz	Model/Size and Catalog Number 3-1/2" Model 2543	3-1/2" Model 2143L	4-1/2" Model 2544
0-10	2000Ω/V	17990	< >	17995
0-30		< >	17915	< >
0-150		17978	17916	17988
0-300		17979	17917	17989

< > Available on special order.

DC Millivoltmeters, Self-Shielding Movement

Range	Approx. Impedance (Ohms @ 60 Hz.)	Model/Size and Catalog Number 3-1/2" Model 2523	3-1/2" Model 2123L	4-1/2" Model 2524
0-50	10	17977	17914	17987

DC Microammeters, Self-Shielding Movement

Range	Approx. Impedance (Ohms)	Model/Size and Catalog Number 3-1/2" Model 2523	3-1/2" Model 2123L	4-1/2" Model 2524
0-50	8000	17970	17910	17980
0-100	4200	17971	17911	17981
0-500	340	17972	17912	17982

DC Milliammeters, Self-Shielding Movement

Range	Approx. Impedance (Ohms)	Model/Size and Catalog Number 3-1/2" Model 2523	3-1/2" Model 2123L	4-1/2" Model 2524
0-1	135.0	17973	17913	17983
0-10	10.0	17974	< >	17984
0-500	0.2	17975	< >	17985
1-0-1	50.0	17996	< >	17997

< > Available on special order.

DC Ammeter, Self-Shielding Movement

Range	Approx. Impedance (Ohms)	Model/Size and Catalog Number 3-1/2" Model 2523	3-1/2" Model 2123L	4-1/2" Model 2524
0-10	.005	35098	< >	35099

< > Available on special order.
Meters are supplied as 50 millivolt, and requires an external shunt #06704

MADE IN THE USA

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