Wide-Vue Style Analog Panel Meters

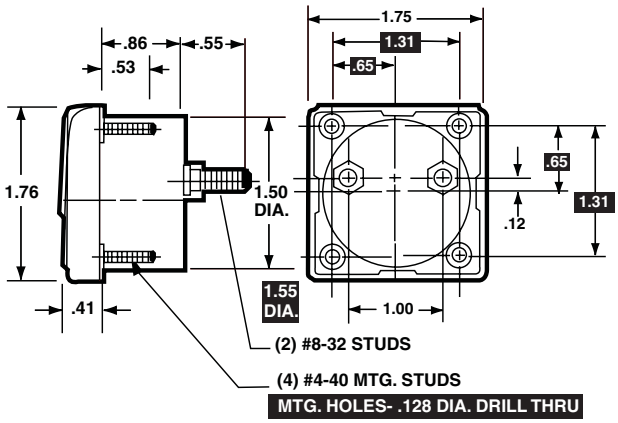
- ***Clear acrylic window for wide angle visibility***
- ***Rugged black plastic case***
- ***Black spade pointer for easy distant reading***
- ***Optional behind-panel mounting bezel kit***

Specifications

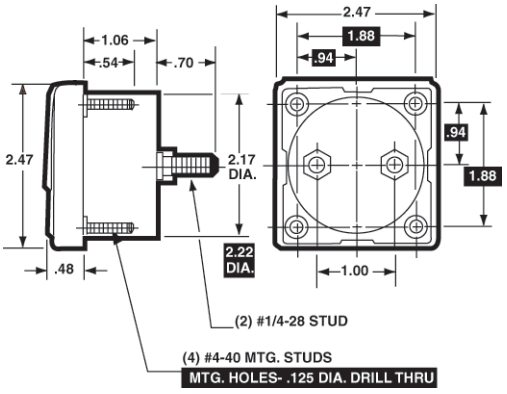
Accuracy:	±2% F.S. (Iron-Vane), ±3 F.S. (Rectified)
Movement:	Models 1212, 1212T: Small core magnet Models 1247, 1347, 1349: Annular, rectifier Models 1257, 1357, 1359: Iron-vane, magnetically damped
Tracking:	±3%
Shielding:	Calibration is unaffected by magnetic panel mounting.
Response Time:	1.5 seconds maximum
Overload (1 sec.):	10 times F.S.
Overload (Continuous):	1.5 times F.S.
Repeatability:	2%: AC Current, DC Process 3%: AC Voltage, DC Voltage, Wattmeters 0.5%: DC Current
Dial:	Sharp clear scale. Each dial arc is calibrated to track the specific type of movement used.
Resistance:	±15% of meter impedance
Operating Temperature:	-4°F to +149°F (-20°C to +65°C)
Case:	High density black plastic
Pointer:	Model 1212: Black lance; All other models: Spade with black matte finish
Scale Length:	Model 1212, 1212T: 1.50" (38.1mm); Model 1227, 1227T, 1247, 1257: 2.3" (58.4mm) Model 1327, 1327T, 1347, 1357, 1377: 3.14" (79.9mm); Model 1329, 1329T, 1349, 1359, 1379: 3.93" (100mm)
Net Weight:	Model 1212, 1212T: 2oz (0.06kg); Model 1257: 4 oz. (0.11kg) Model 1359: 5 oz. (0.14kg) Model 1227, 1227T: 6oz (0.17kg) Model 1327, 1327T, 1347: 8oz (0.23kg); Model 1329, 1329T, 1349, 1377: 9oz (0.26kg) Model 1379: 10 oz.(0.28kg)

Dimensions

1-1/2"-Model 1212, 1212T

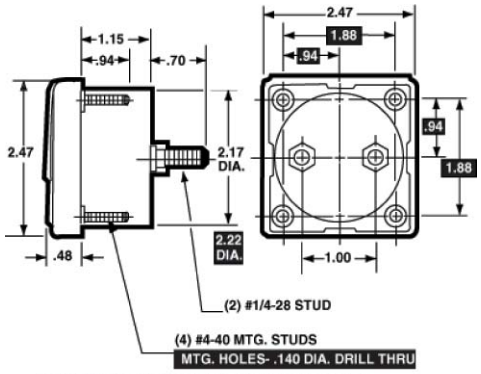


2-1/2" - Model 1287



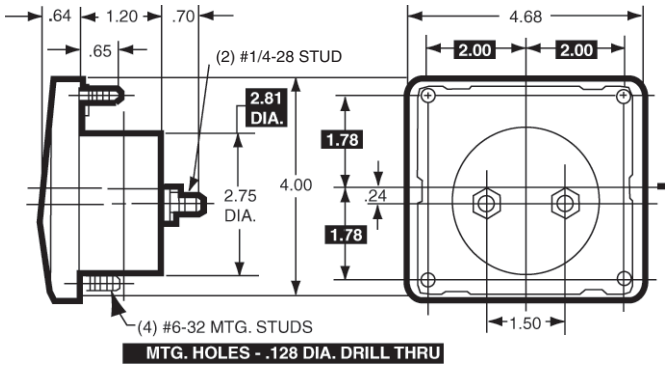
Wide-Vue Style Analog Panel Meters

2-1/2"-Model 1227, 1227T, 1247, 1257

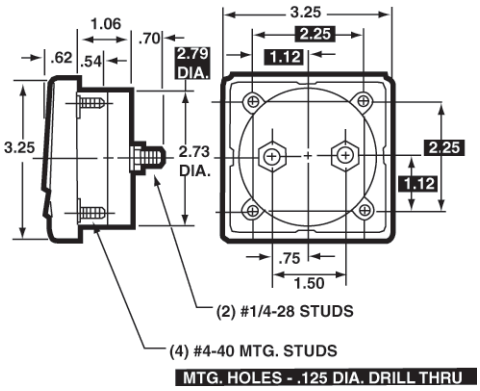


*Dimension for Model 1257 AC Rectified Type Meter

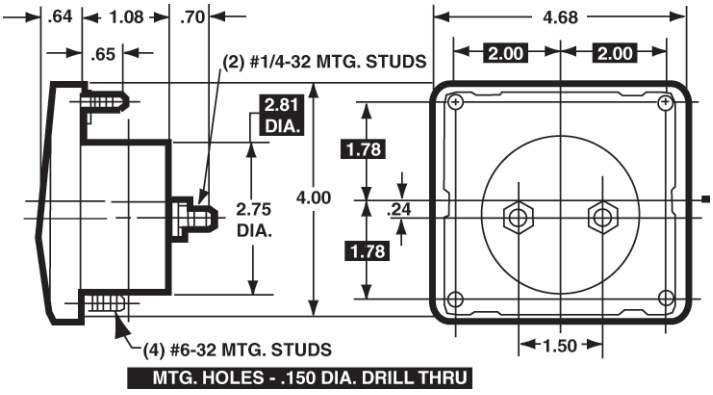
4-1/2"-Model 1329, 1329T, 1349, 1359



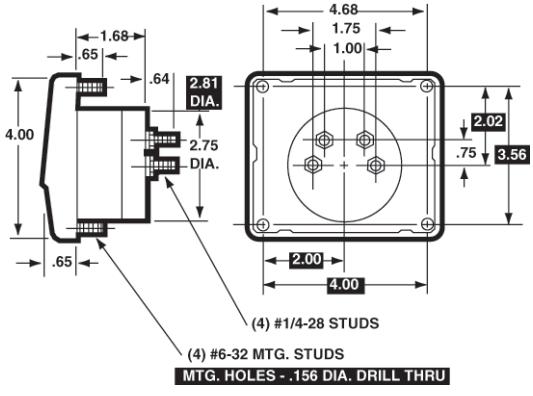
3-1/2"-Model 1387



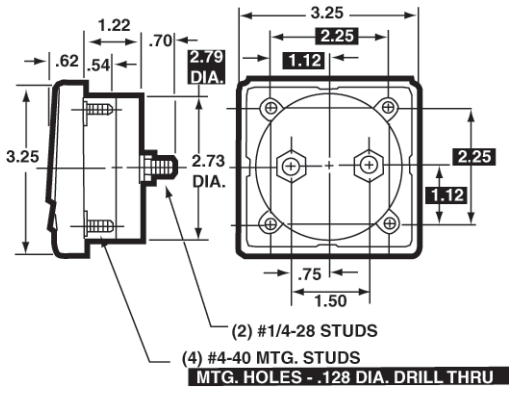
4-1/2"-Model 1389



4-1/2" Model 1379



3-1/2"-Model 1327, 1327T, 1347, 1357



Ordering Information

AC Milliammeters, Iron Vane Movement,

Range	Approx. Impedance (Ohms) @ 60 Hz	Model/Size and Catalog Number		
		2-1/2" Model 1257	3-1/2" Model 1357	4-1/2" Model 1359
0-10	1,650	06294	06625	06665
0-50	80	06295	06630	06670
0-100	17.2	06296	06640	06680
0-250	3.15	06297	06650	06690
0-500	0.9	06300	06660	06699
0-1000	.213	<>	35065	<>

<> Available on special order

AC Ammeters, Iron Vane Movement

Range	Approx. Impedance (Ohms) @ 60 Hz	Model/Size and Catalog Number		
		2-1/2" Model 1257	3-1/2" Model 1357	4-1/2" Model 1359
0-1	.213	02560	03130	03260
0-1.5	.105	02570	03140	03270
0-2	.065	<>	03150	03280
0-3	.025	02575	03160	03290
0-5	.008	02580	03170	03300
0-10	.004	02590	03180	03310
0-10	.008	<>	35073*	35077*
0-15	.0025	02599	03190	03320
0-25	.002	02609	03200	03330
0-25	.008	<>	35074*	35078*
0-30	.0015	02615	03205	03335
0-50	.001	02619	03210	03340
0-50	.008	<>	35075*	35079*
0-75	.0002	<>	03215	03345
0-75	.008	<>	35076*	35080*
0-100	.008	02622*	03220*	03350*
0-150	.008	02624*	03230*	03360*
0-200	.008	02626*	03240*	03370*
0-300	.008	02627*	03250*	03380*

<> Available on special order
* These meters require use of an external current transformer from page C5.

AC Voltmeters, Iron Vane Movement

Range	Approx. Impedance (Ohms) @ 60 Hz	Model/Size and Catalog Number		
		2-1/2" Model 1257	3-1/2" Model 1357	4-1/2" Model 1359
0-5	33	<>	10160	10260
0-10	133	09670	10170	10270
0-15	300	09675	10180	10280
0-25	833	09680	10190	10290
0-50	3,333	09690	10200	10300
0-100	16,333	09695	10210	10310
0-150	25,000	09700	10220	10320
0-250	41,166	09705	10230	10330
0-300	50,000	09710	10240	10340
0-500	83,333	09715*	10250	10350*

<> Available on special order
* External multipliers (model 183) are furnished on AC meters having a range of 500 volts or higher

AC Voltmeters Rectified, Self-Shielding Movement

Range	Approx. Impedance (Ohms) @ 60 Hz	Model/Size and Catalog Number		
		2-1/2" Model 1247	3-1/2" Model 1347	4-1/2" Model 1349
0-5	2000 Ohms Per Volt	10015	10020	10090
0-10		10016	10030	10100
0-15		<>	10040	10110
0-50		<>	10050	10120
0-150		10017	10060	10130
0-300		10018	10070	10140

<> Available on special order

DC Microammeters, Self-Shielding Movement

Range	Approx. Impedance (Ohms) @ 60 z	Model/Size and Catalog Number			
		1-1/2" Model 1212	2-1/2" Model 1227	3-1/2" Model 1327	4-1/2" Model 1329
0-50	1800(5500)*	04294	04310	04380	04480
0-100	1800	04295	04320	04390	04490
0-200	1100	04296	04330	04400	04500
0-500	90(190)*	04297	04340	04410	04510
25-0-25	1800	04298	<>	04420	04520
50-0-50	1800(5500)*	04302	04350	04430	04530
100-0-100	1100	04300	04351	04440	04540
500-0-500	43	04301	04352	04450	04550

<> Available on special order
* Impedance of Model 1212 shown in ( ).

DC Taut Band Microammeters, Iron Vane Movement

Range	Approx. Impedance (Ohms) @ 60 Hz	Model/Size and Catalog Number			
		1-1/2" Model 1212T	2-1/2" Model 1227T	3-1/2" Model 1327T	4-1/2" Model 1329T
0-10	4900	<>	04303	04359	04459
0-15	1960(5500)*	04601	04304	04361	04461
0-25	1960	04602	04306	04371	04471
0-50	960	04603	04311	04381	04481
0-100	500	04604	04321	04391	04491
0-200	234	04605	04331	04401	04501

<> Available on special order