

CALRAD

60 series - Analog Panel Meters

60-118 THROUGH 60-133 2 3/8" FULL VIEW PANEL METERS

Designed for modernistic equipment. Beautiful appearance, easy to read D'Arsonval type movement, accuracy within 2%. Will mount in panels up to 1/16" thick, has zero adjustment screw. Size: 2 3/8" x 1 13/16" x 1 1/4" deep, including terminals and will mount into 1 1/2" hole. Illumination Kit available for all of this series (60-149). Available in bulk or packaged. Comes with meter cut out template and mounting hardware. 60-200 Mounting hardware only for Calrad meters 60-118 - 60-148.

60-118..... 0-1 mA, DC resistance: 1mA/120Ω	60-129..... 0-50 μA, DC resistance: 50μA/2400Ω
60-121... 0-15 Vdc, DC resistance: 1mA/120Ω+15kΩ	60-130..... 0-100 μA, DC resistance: 100μA/1200Ω
60-122... 0-30 Vdc, DC resistance: 1mA/120Ω+30kΩ	60-133 VU Meter, DC resistance: 600Ω+DiodeBr.+3.9kΩ/120Ω
60-125 0-150 Vac, DC resistance: 1mA/120Ω+DiodeBr.150kΩ	60-149..... Illumination Kit, 6vdc at 50ma
60-127..... 50-0-50 μA, DC resistance: 50μA/1200Ω	



60-134 THROUGH 60-148 3" FULL VIEW PANEL METERS

Designed for modernistic equipment. Beautiful appearance, easy to read D'Arsonval type movement, accuracy within 2%. Will mount in panels up to 5/16" thick, has zero adjustment screw. Size: 3 1/8" x 2 1/2" x 1 5/8" deep, including terminals and mounts into 1 25/32" hole. Illumination Kit available for all of this series (60-149). Available in bulk or packaged. Comes with meter cut out template and mounting hardware.

60-134..... 0-1 mA, DC resistance: 1mA/120Ω	60-142..... 50-0-50 μA, DC resistance: ±50μA/120Ω
60-136... 0-15 Vdc, DC resistance: 1mA/120Ω+15kΩ	60-144..... 0-50 μA, DC resistance: 50μA/2400Ω
60-137... 0-30 Vdc, DC resistance: 1mA/120Ω+30kΩ	60-148..... VU Meter, DC resistance: 600Ω+DiodeBr.+3.9kΩ
60-140..... 0-150 Vac, DC resistance: 1mA/120Ω+DiodeBr.+150kΩ	60-149..... Illumination Kit, 6 Vdc at 50mA



60-150 THROUGH 60-175 1 3/4" PANEL METERS

Clear plastic face, D'Arsonval type movement. 1.73" square face. Meters fit into 1 1/2" diameter hole in panel and are calibrated to be accurate within 2%. Has zero set screw adjustment. Will enhance the looks of any equipment on which it is used. Listed below are the following sizes. Available in bulk or packaged. Comes with meter cut out template and mounting hardware. 60-201 Mounting hardware only for Calrad meters 60-150 - 60-175.

60-150..... 0-15 Vac, DC resistance: 1mA/120Ω+DiodeBr.+15kΩ	60-161... 0-200 mA DC, DC resistance: 10mA/3Ω+par.Shunt 0.4x55
60-151..... 0-150 Vac, DC resistance: 1mA/120Ω+DiodeBr.+150kΩ	60-163.. 0-500 mA DC, DC resistance: 10mA/3Ω+par.Shunt 0.5x40
60-152..... 0-15 Vdc, DC resistance: 1mA/120Ω+15kΩ	60-165..... 0-50 μA DC, DC resistance: 50μA/2400Ω
60-153..... 0-30 Vdc, DC resistance: 1mA/120Ω+30kΩ	60-166..... 0-100 μA DC, DC resistance: 100μA/1200Ω
60-154. 0-200 Vdc, DC resistance: 1mA/120Ω+200kΩ	60-167..... 0-200 μA DC, DC resistance: 200μA/600Ω
60-155. 0-300 Vdc, DC resistance: 1mA/120Ω+300kΩ	60-168..... 0-500 μA DC, DC resistance: 500μA/300Ω
60-156. 0-500 Vdc, DC resistance: 1mA/120Ω+500kΩ	60-169 50-0-50 μA DC, DC resistance: ±50μA/1200Ω
60-158..... 0-1 mA DC, DC resistance: 1mA/120Ω	60-171.. 0-10 Amp DC, DC resistance: 10mA/3Ω+par.Shunt 1.3x19
60-159..... 0-10 mA DC, DC resistance: 10mA/3Ω	60-172.. 0-30 Amp DC, DC resistance: 10mA/3Ω+par.Shunt 2.3x24
60-160..... 0-100 mA DC, DC resistance: 10mA/3Ω+par.Shunt 0.2x46	60-175..... VU, DC resistance: 600Ω+DiodeBr.+3.9kΩ



60-180 THROUGH 60-182 2" EDGEWISE PANEL METERS

Clearview, precision movements, moving coil nuclear magnetic steel type. Zero set screw adjustment. Accurate within 2%. Available in bulk or packaged.

60-180 (EW2) "S"..... ±100μA/650Ω, red pointer. Internal Resistance 150 ohms nominal
60-181 (EW2) Balance..... 200μA/650Ω, red pointer. Sensitivity 100 μA, Resistance 600 ohms
60-182 (EW2) VU
Specifications
Mounting Centers..... 1 15/16" Overall Depth..... 1 7/16" Overall Height..... 1 1/8"



60-187 AND 60-188 3/4" EDGEWISE PANEL METERS

Compact size, easy to read. Moving coil type with zero set screw adjustment. Used on most transistorized equipment. Listed below are the following sizes and specifications. Available in bulk or packaged.

60-187 (EW75) VU 500μA/650Ω, red pointer. Calibrated and damped in accordance with standard vu meter practice
60-188 (EW75) Battery..... 200μA/650Ω, red pointer. Sensitivity 130 μA, Internal Resistance 600 ohms
Specifications
Mounting Centers..... 1 3/16" Depth..... 1"
Height..... 3/4" Back of Panel..... 7/8"



60-190 MINI PILOT METER

1/2" diameter, mounts into 7/16" hole. 1/2" depth behind panel. Moving coil type construction. Movement: 0-500μA. Internal Resistance: 700Ω and 0-1mA/350Ω red pointer with red to green face. Red and black wires 4" long. M106-230 "Intensity". Center sensitivity 375μA. Resistance 500Ω. Available in bulk or packaged.

