

**Environmental**

Operating Temperature Range: -40 to +70C

\*Vibration SAE J-1378: 20g's @ 10 – 80 Hz \*Shock: SAE J-1378: standard to 55g's, Tested to 150Gs

\*Humidity SAE J-1378: 95%

\*Salt Spray MIL-STD-202G, Method 101E. Test condition B: 5% neutral salt solution, 48 hours at 35C Dust: Unit is 100% encapsulated -dust can not enter

\* Immersion: ASAE EP455 5.6 level 2

Immerse meter in tap water at a temperature of 18C +/-5C to a component top surface depth of 460mm. Orient in each of 3 orthogonal planes for 5 min in each plane. Upon removal, immediately subject to a cold soak of 019C for 30 min. Return to dry atmosphere of 25C for 60 Min. No impaired function, no water entry

Ultraviolet: SenDEC's Q-Sun Xe-1-UV Chamber -720 Hours

\*Thermal Shock: Meters stabilized at 70°C for 30 minutes.

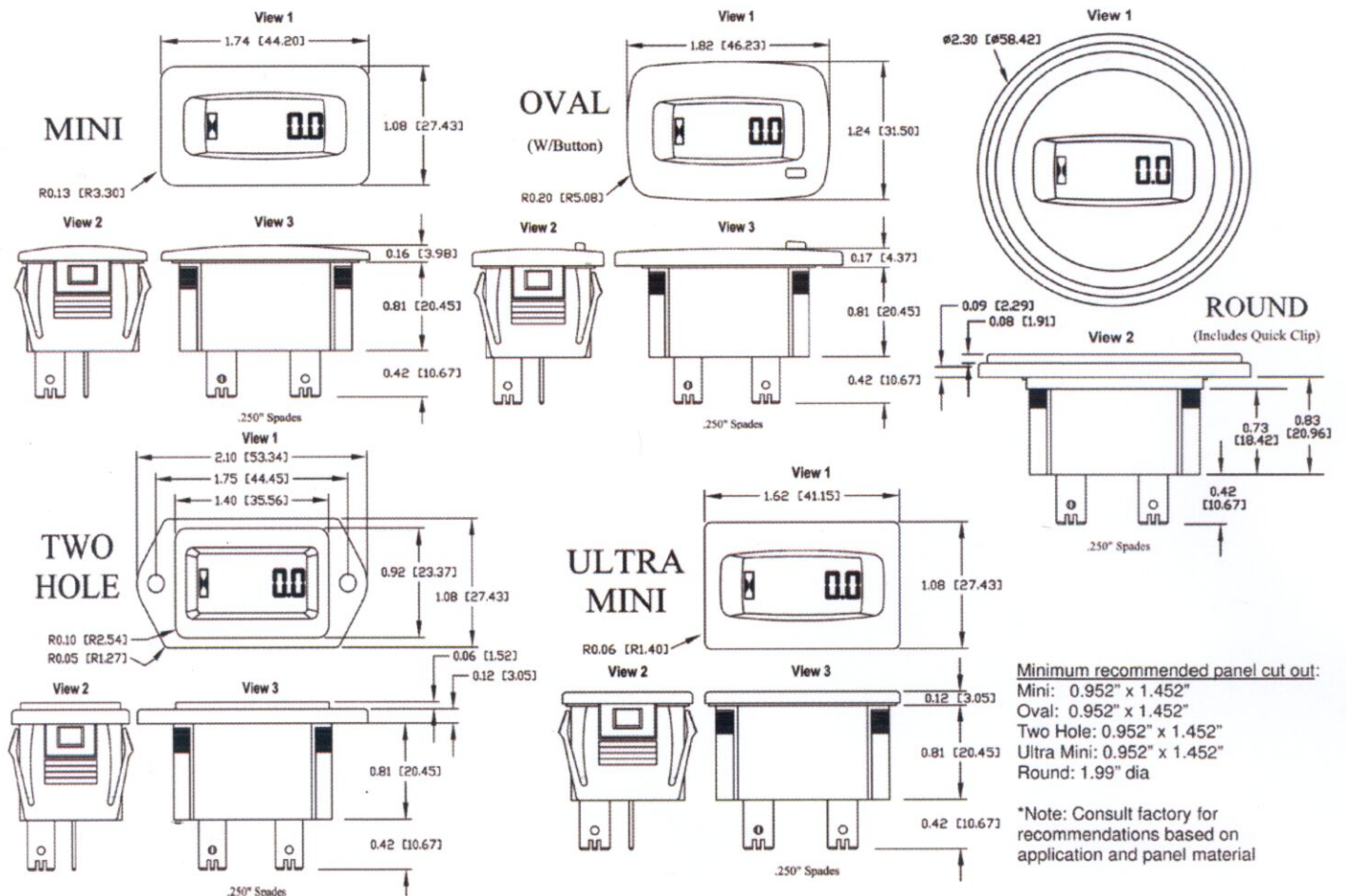
Removed from oven and immediately immersed into 0°C water mixed with UV sensitive dye for a minimum of 5 minutes -repeated for a total of 10 cycles. Meters stabilized at -40°C for 30 minutes. Removed from chamber and immediately immersed into 25°C water mixed with UV sensitive dye for a minimum of 5 minutes -repeated for a total of 10 cycles. No functional failures or ingress of water.

\*Chemical: ASAE EP455.5.8.2 chemicals brush exposure

Chemical test: Apply with a brush over the normally exposed surface area. Repeat once per day for three days. Check for impaired function or detrimental corrosion during the test and at the end of a 100 hour min interval following exposure to test condition. No defect from wiping the surface with the following chemicals at room temperature: engine oil, Transmission Fluid, Gasoline

Series	Bezel	Input	Actuation	LCD	Termination	Other	OEM Code
N	2 = Mini Oval 3 = Mini 4 = Two Hole 5 = Round 6 = Ultra Mini	1 = Inductive 2 = DC 3 = AC/DC	0 = No Mode Button 1 = Mode Button	0 = Standard 1 = International	2 = 2 tab In-Line 3 = Universal	Reserved	Assigned by SenDEC

Example: N231-0300 N= New Gen, 2=Mini Oval bezel, 3=AD/DC input, 1= Mode Button---0=Standard LDC, 3= Universal 3 tabs, 00= reserved



Note: Specifications are preliminary and are subject to change without prior notification.  
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