

**NEW**

# POWERLESS™

## A.C. Signal Powered 4 1/2 Digit LCD Flat Pack Case

### Meter No Panel Cutout Required

(Patent #'s 7,626,378; 4,908,569 & Pending)

**MODEL  
ACS-G**

#### FEATURES:

- 4 1/2 LCD Digits (1.9.9.9.9)
- Hold & Peak & Hold
- Installation Time: 2 min.
- No Panel Cutout Required!
- High Accuracy & Resolution
- Self Diagnostics
- No Power Supply Required
- Zero & Span Adjustments
- Lifetime Warranty!



Effective 1-16-12

#### SPECIFICATIONS:

- Accuracy & Linearity: +/- 0.1%
- Burden: 50mW@120VAC
- Conversion Technique: RMS
- Standard Calibration: Per Range
- Zero & Span: +/- 3000 Counts
- Max. Open Loop Volts: 30/1 Sec.
- Operating Temp: -10+50°C
- Storage Temp: -20+70°C
- CMT BF.....>100 K Hours

**Powered Model: FPM**

Model: ACS-G

#### INPUT TYPE/RANGE

\$150...V.....(30-150)..... Volts  
 \$150...A.....(0.3-5)..... Amps  
 \$175...H.....(40-440)..... Hertz  
 CF...9..... Custom (Consult Factory)

(A81-SC-HZ)

#### RANGE/CALIBRATION

0..... STANDARD (see Text)....NC  
 9..... CUSTOM.....CF

Ranges (Calibration): VAC: 30-150; AAC: 0.3-5, HZ: 40-440; WAC: 30-150VAC & 0.30-5 AAC (Decimal points are selectable)

#### DESCRIPTION

Our New **ACS-G** Series is the 2nd generation of four famous "No Panel Cut-Out Required" meters introduced in 1976! The **ACS-G** uses ASIC and Nanotechnology to bring you a universal meter for all your applications.

**Mounting:** Just drill a 3/8" Ø (10mm) hole, pass the wires through it and connect them, that's it! (Use double-sided tape to prevent rotation.)

Note: Amps option requires VAC connections from isolated potential transformer (P.T.).

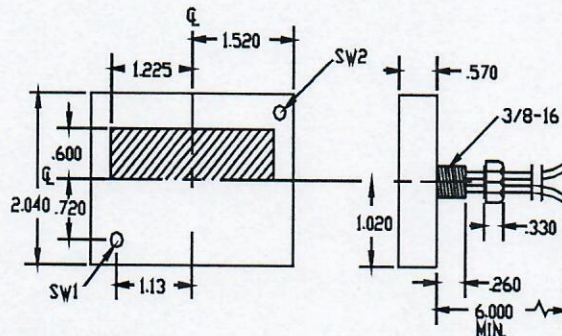
#### TYPICAL CONNECTIONS

**Warning: No Isolation! Use P.T. & C.T**

VAC (Options V, A or H): H: Yellow; L: white  
 AAC (Option A): CTH: Red; CTL: Black  
 Use included 0.05 Ohm; .1%; 5w shunt across red and black & mount on your C.T.

Peak: Connect Brown to Green  
 Hold: Connect Orange to Green  
 Dec. Point: None: No Connections  
 1.XXXX: Violet to Black  
 1X.XXX: Blue & Violet to Black  
 1XX.XX: Gray & Violet to Black  
 1XXX.X: Blue, Gray & Violet to Black

#### MECHANICALS



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