

**NEW**

# POWERLESS™ A.C. Signal Powered 0.8" LED 3 1/2 Digit 1/8 DIN Case Meter

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

**MODEL  
ACS-T**

**FEATURES:**

- 0.8" 3 1/2 LED Digits
- Hold & Peak & Hold
- 1/8 DIN Housing
- High Shock/Vibration Case
- Lifetime Warranty!

**APPLICATIONS:**

- Mobile Generators
- Shipboard/Avionics
- Nuclear & Mil-Spec
- Offshore Exploration

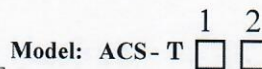


**Powered Model: SPM**

Effective 12-14-11

**SPECIFICATIONS @ 25 Degrees C:**

- Conversion Technique: RMS
- Burden: 100 mW@120VAC
- Accuracy & Linearity: +/- 0.1% of F.S.  
+/- 1 Digit
- Zero & Span Adj: +/- 300 Counts
- Std. Calibration: 0-1,000 Counts
- D.P., Hold, Peak & Hold, Selectable
- Operating Temp: -10 + 50 Degrees C
- Storage Temp: -20 + 70 Degrees C
- CMT BF.....>100 K Hours



INPUT TYPE/RANGE	
\$195...V.....(30-150).....	Volts
\$225...A.....(0.3-5).....	Amps
\$195...H.....(40-440).....	Frequency
\$250...W.....(Same as V & A).....	Watts
CF.....9.....	Custom (Consult Factory)

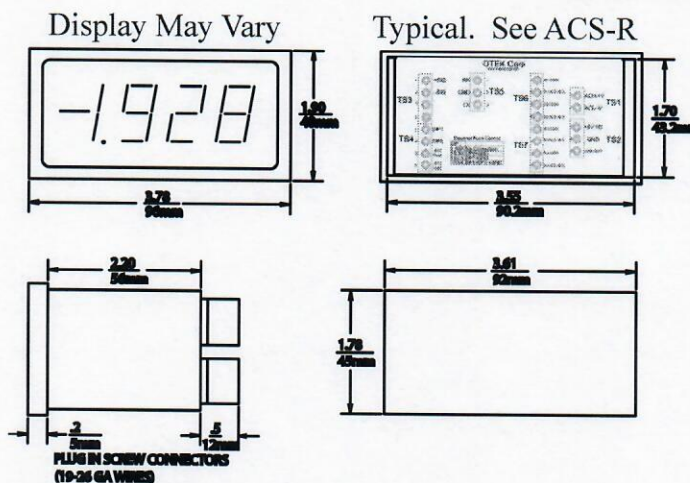
**RANGE/CALIBRATION**

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:** Ultra Bright 0.8" LED display is the only difference between the ACS-T, the ACS-R and the ACS-S; otherwise, they all use the same advanced technology ASIC and low parts count to give you over 100,000 hours of reliable operation. The "Hold" and "Peak & Hold" features allows you to capture transients (Peaks) or just freeze the display for further analysis of your process-all powerless! Decimal points on display board.

## MECHANICALS



**FIG. ACS-T ACS-T 4-20mA INPUT SIGNALS (OPTION 01)**

TSV		D.P. SELECTION
1	VAC H	1XXXX: CALL OTEK
2	VAC L	1.XXXX: NO JUMPERS
TSA		1X.XXX: DP2
3	AACH	1XX.XX: DP1
4	AAAL	1XXX.X: DP1 & DP2

TS2 (NOT INCLUDED W/SERIAL I/O (4TH DIGIT))

- DP1- JUMP TO TS1-3 SEE TABLE & NOTES
- DP2- JUMP TO TS1-3 SEE TABLE & NOTES
- PEAK- JUMP TO TS1-4 TO ENABLE
- HOLD- JUMP TO TS1-4 TO ENABLE

LEAVE OPEN FOR NORMAL OPERATION

NOTE: 1.) D.P. & P. H (TS2) ONLY WITH NO SERIAL I/O.  
2.) D.P. JUMPERS ALSO ON DISPLAY BOARD. USE EITHER / OR BUT NOT BOTH.  
3.) SEE FIG. SPM-7 (P. 7) FOR OTHER POWER INPUTS.

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