

NEW

POWERLESS™

A. C. Signal Powered 0.6" LED 4 1/2 Digit 1/8 DIN Case Meter

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

**MODEL
ACS-S**

FEATURES:

- 0.6" 4 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



Effective 12-14-11

SPECIFICATIONS @ 25 Degrees C:

- Burden: 50mW@120VAC
- Accuracy & Linearity: +/- 0.1% of F.S. +/- 1 Digit
- Zero & Span Adj: +/- 3000 Counts
- Std. Calibration: Per Range
- D.P., Hold, Peak & Hold, Selectable
- Operating Temp: -10 + 50 Degrees C
- Storage Temp: -20 + 70 Degrees C
- CMT BF.....>100 K Hours
- Conversion Technique: RMS

Model: ACS-S 1 2

Powered Model: SPM

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

(Powered Model: SPM)

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

DESCRIPTION: The ACS-S (LED), the ACS-R (LCD) and the ACS-T are identical products only differing on the display type used. All units utilize ASIC and high efficiency components to keep the parts count down and the MTBF high. Now you can monitor your process remotely without expensive and hazardous high voltage conduit. Decimal points selectable on display board (jumpers).

MECHANICALS

Display May Vary

Typical. See ACS-R

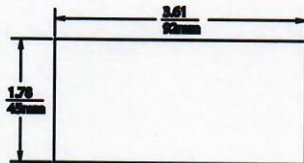
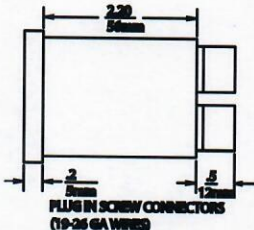


FIG. ACS-S ACS-S 4-20mA INPUT SIGNALS (OPTION 01)

TSV	1 <input type="checkbox"/> VAC H	D.P. SELECTION 1XXXX: CALL OTEK 1.XXXX: NO JUMPERS 1X.XXX: DP2 1XX.XX: DP1 1XXX.X: DP1 & DP2
	2 <input type="checkbox"/> VAC L	
TSA	3 <input type="checkbox"/> AACH	
	4 <input type="checkbox"/> AACL	

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

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