

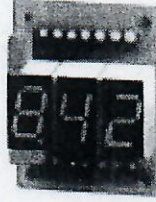
NEW

POWERLESS™ Loop Powered 1" LED D.P.M. (PATENTS # 7,477,080; 6,285,094 & PENDING)

MODEL
LPS-U

FEATURES:

- * Only 1" x 1.3" x 0.5" Deep
- * D. P. Selectable
- * 3 Full 0.4" LED with "-" & Over-range indicators
- * Naked for Low Cost Panel/PCB Mounting
- * Lifetime Warranty!



Effective 1-16-12

Model: LPS-U -
\$59.00

SPECIFICATIONS @ 25 Degrees C:

- * Burden: 4.5 VDC Max
- * Min-Max Input Current: 3-36mA
- * Accy. & Linearity: +/- 0.1% F.S.
- * Zero & Span Adjust: +/- 300 Counts
- * Std. Calibration: 4-20=0-1000
- * Op./Storage Temp: 10+60/-20+70 C
- * CMBTF: 100,000 hours

Powered Model: 1 PM

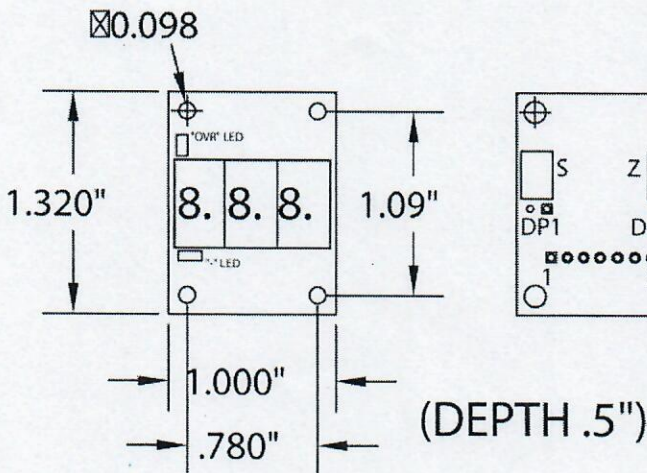
DESCRIPTION

OTEK brings you the World's smallest LED Digital Panel Meter (and Loop Powered). That is why we call it the **LPS-U (Unique)**! The size does not affect its reliability, performance and accuracy and we even managed to add the over-range ("OVR" LED) indicator above the MSD so you know you have exceeded the full scale range. We added the negative sign indicator ("-") below the MSD so you know your signal is negative. You can adjust the Zero & span ($\pm 30\%$ range) via 12 turn potentiometers on the rear and connections are made via standard 0.1" center headers for P.C.B. or panel mount. For panel mount, a polarized filter is available on request. The **LPS-U** is a typical example of **OTEK's** Custom and Semi-Custom capabilities. If it can be done, we can do it!

MECHANICAL & TYPICAL CONNECTIONS

Front

Rear



(DEPTH .5")

PIN DESCRIPTION

1. (NOT USED)
2. (NOT USED)
3. (NOT USED)
4. (NOT USED)
5. (NOT USED)
6. - Loop Input
7. + Loop Input

DECIMAL POINT SELECTOR
 DP1 X.XX
 DP2 XX.X

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