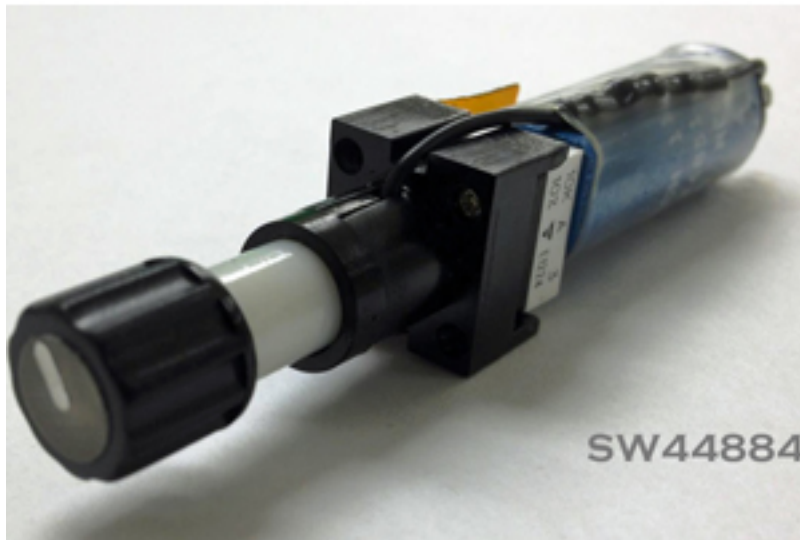


## Potentiometer switch offers dual-control options in single-unit space



Electro-Mech's new SW44884 potentiometer switch assembly offers both rotary and push-on functionality for maximum operation control, and features a clear light pipe shaft for front-panel illumination. The compact all-in-one unit saves valuable panel space in applications where there are tight design limitations.

The SPST-DPDT switch enables the user to specify a value so that at the push of a button, the circuit or channel automatically opens at the preset level. The SW44884 assembly features: a backlit shaft with knurled button, an alternate-action pushbutton switch, a clear light pipe switch shaft, and a 10K  $\Omega$  resistance potentiometer module. Typical applications for the SW44884 switch include industrial/avionics displays and audio controls, instrument panel control, aircraft simulator controls, and other high-density panels. Previous models were only available using edgelit knobs and did not include LED backlighting. The user may also jumper the LED circuit to one of the switch circuits for LED switching. The SW44884 also features side facing PC pins for easier interface to the PC Board in the next higher assembly.

Lightweight, the compact unit weighs less than one ounce and measures less than  $\frac{3}{4}$ " square. The SW44884 requires approx. 2" of space behind the display panel and mounts directly to the PCB via side and rear facing PC pins.

The SW44884 is rated at 0.10A resistive at 30 VDC. Potentiometer resistance is 10K

## Potentiometer switch offers dual-control options in single-unit space

Published on Electronic Component News (<http://www.ecnmag.com>)

---

Ω+10% but can be customer specified. Other features provided by the SW44884 include alternate action switching, an operating pressure of 42 oz. (+ 7 oz.), plunger travel of approximately 0.15", and a rated switch life of 100,000 minimum actuations.

Unit pricing is \$34.00-\$39.00 at 1,000 pieces depending upon options with delivery of 10 weeks ARO. Complete specifications are available on request.

[www.electromechcomp.com](http://www.electromechcomp.com) [1]

### Source URL (retrieved on *01/31/2015 - 6:58am*):

<http://www.ecnmag.com/product-releases/2013/04/potentiometer-switch-offers-dual-control-options-single-unit-space>

### Links:

[1] <http://www.electromechcomp.com>