

## Submersible Panel Potentiometer



### KEY BENEFITS

- Deep sea water panel sealing
- 30 m deep operative/IP68 sealing
- Salt corrosion proof (960 h test)
- Heavy-duty construction

### APPLICATIONS

- Underwater equipment requiring operator setting
- Metal detectors
- Light devices
- Portable electrical tools
- Vehicles
- Submarine scooters/tractors

### RESOURCES

- Datasheet: P13SM - <http://www.vishay.com/doc?51064>
- For technical questions contact [sfer@vishay.com](mailto:sfer@vishay.com)



### Submersible Panel Potentiometer



#### FEATURES

- High power rating 1.5 W at 70 °C
- Stainless steel shaft and bushing to endure sea salt water immersion
- Fully sealed IP68 on panel
- Tight temperature coefficient ( $\pm 75$  ppm/°C typical)
- Compliant to RoHS Directive 2002/95/EC



RoHS  
COMPLIANT

P13SM is designed for applications which need to set electrical parameters with an immersed potentiometer in deep water conditions up to 30 m (100 feet).

DIMENSIONS in millimeters (inches) $\pm 0.5$ mm ( $\pm 0.02$ " )	
<p><b>P13SM N</b></p>	
<p><b>P13SM B</b></p>	

**Note**

(1) CAUTION:  $\text{Ø } 1.5$  of panel cut out must not be fully through hole.

Undergoes European Quality Insurance System

#### ENVIRONMENTAL SPECIFICATIONS

Revision 20-Dec-11

Temperature Range	- 55 °C to 125 °C
Climatic Category	55/125/56
Sealing	Fully sealed - Container IP68
Panel sealing	Immersion at 30 m (100 feet) in sea salt water or clear water