



# Pathfinder INSTRUMENTS

## Data Sheet

### Model SK-252 pH or ORP Controller



#### Description

The Model SK-252 is a 1/16 DIN Microprocessor based on/off for either pH or ORP. It accepts any combination electrode for an input and has a relay, or SSR, or 4-20mA control signal for an output. All functions are programmable from the front panel; programmed values remain in memory when the power is turned off. Dual digital displays indicate the process value (pH or ORP) and the control set point. The process value is displayed in RED and the set point is in GREEN. The power supply is universal and operates on 100 to 240VAC, 50/60Hz. Automatic temperature compensation terminals on the pH controller allow this to perform with a 1000 OHM PT Sensor or with fixed resistors.

#### Specifications

<b>Model</b>	SK252pH	SK252-ORP
<b>Range</b>	0-14.00 pH	-100 to +1000mV
<b>Resolution</b>	.01 pH	1mV
<b>Accuracy</b>	+/- .2pH	+/- 0.2% of Span
<b>Dead Band</b>	Front Panel adjustable 0-50% of Span	
<b>Main Output Relay</b>	S>P>D>T> Relay 3 Amp @ 115VAC, Resistive Load	
<b>Power</b>	100 to 240 VAC, 50/60 Hz @ 3 Watts	
<b>Operating Temperature Range</b>	-10 to +50°C	
<b>Storage Temperature Range</b>	-20 TO +60°C	
<b>Display</b>	4 Digit Red LED's (pH, ORP), 4 Digit Green LED'S Set Point	
<b>Dimensions</b>	48 x 48 x 78.8 mm (1/16 DIN)	
<b>Memory</b>	Non-Volatile	

1658 Ord Way, Oceanside, CA 92056

Ph: (760) 631 1141 / (800) 284 9698 / Fax: (760) 6311146

Email: [sales@pathfinderinstruments.com](mailto:sales@pathfinderinstruments.com) / Website: [www.pathfinderinstruments.com](http://www.pathfinderinstruments.com)