# Honeywell

# Interactive Catalog Replaces Catalog Pages

Honeywell Sensing and Control has replaced the PDF product catalog with the new Interactive Catalog. The Interactive Catalog is a power search tool that makes it easier to find product information. It includes more installation, application, and technical information than ever before.



Click this icon to try the new Interactive Catalog.

#### **Sensing and Control**

Honeywell Inc. 11 West Spring Street Freeport, Illinois 61032

## **Solid State Sensors**

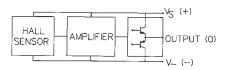
# **Analog Position Sensors**



#### **FEATURES**

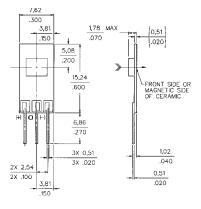
- Single current sinking or current sourcing output
- Three-pin in-line printed circuit board terminals
- Standard .100" mounting centers
- Laser trimmed thin film and thick film resistors minimize sensitivity variations and compensate for temperature variations

#### **BLOCK DIAGRAM**

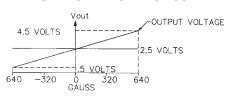


### MOUNTING DIMENSIONS

(for reference only)

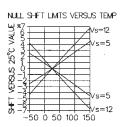


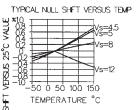
#### TRANSFER CHARACTERISTICS



### **OUTPUT CHARACTERISTICS**

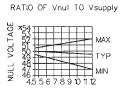
(for reference only)





#### **SS94 ORDER GUIDE**

Catalog Listing	SS94B1
Supply Voltage (VDC)	4.5 to 12 Performance @ 5 VDC
Supply Current (mA)	8 typ., 11 max.
Output Current/Type	Ratiometric/Sinking or Sourcing 1 mA typ., 2 mA max.
Output Voltage Swing Negative gauss Positive gauss	0.4 V typ. V <sub>s</sub> - 0.4 V typ.
Magnetic Characteristics @ 25°C, Span Null (Offset @ 0 gauss) Sensitivity (mV per gauss) Linearity (% span)	5 VDC (-67.0 to +67.0 mT,typ.) 4.0 V (-670 to +670 gauss, typ.), 2.5 ± 0.03 V 3.125 ± 0.063 -0.5 ± 0.5
Temperature Error (@ 25°C) Null Shift (%/°C) Sensitivity (%/°C)	± 0.03 ± 0.03



SUPPLY VOLTAGE (VOLTS)

