

# Honeywell



*Representative photograph, actual product appearance may vary.*

*Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.*

## 91SS12-2

**91SS Series Hall-Effect Linear Position Sensor; PC board mount**

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Product Specifications	
<b>Product Type</b>	Hall-Effect Linear Position Sensor
<b>Package Style</b>	Ceramic SIP
<b>Supply Voltage</b>	8.0 Vdc to 16.0 Vdc
<b>Output Type</b>	Source
<b>Termination Type</b>	PC Board
<b>Magnetic Actuation Type</b>	Ratiometric Linear
<b>Operating Temperature Range</b>	-40 °C to 150 °C [-40 °F to 302 °F]
<b>Availability</b>	Global
<b>Supply Current (max. @ 25 °C)</b>	19 mA

<b>Output Current (max.)</b>	10 mA
<b>Sensitivity @ 25 °C</b>	7.5 ± 0.2 mV/G at 12 Vdc supply
<b>Magnetic Range (min.)</b>	-40 mT to 40 mT [-400 G to 400 G]
<b>Output Voltage Span (typ.)</b>	6.00 Vdc @ 12 Vdc
<b>Null (Output @ 0 G)</b>	6.00 Vdc ± 0.6 Vdc @ 12 Vdc
<b>Null (Offset @ 0 G)</b>	6.0 Vdc (-40 mT to 40 mT [-400 G to 400 G] typ.) @ 25 °C
<b>Series Name</b>	91SS Series

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### **WARNING**

#### **PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

### **WARNING**

#### **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**