



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

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