

Honeywell Sensing and Control

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SLF01N1500B6A

(Home : Products : Sensors » Position Sensors » Linear Potentiometric Sensors » SLF)

*Actual product appearance may vary.*

Short LongFellow Linear Position Transducer, 25,4 mm [1.0 in]
Electrical Travel, Binder Series 681 Termination, Item Number F56101112

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Honeywell Introduces
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Uncompensated / Unamplified
Board Mount Pressure Sensors

HONEYWELL EXPANDS ITS
LIMITLESS™ PLATFORM WITH
THE LAUNCH OF ITS
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HONEYWELL EXTENDS ITS
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SENSOR PRODUCT LINE WITH
A SINGLE SIDE LIQUID MEDIA
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HONEYWELL ADDS NEW 100°
AND 180° ARC
CONFIGURATIONS TO ITS
SMART POSITION SENSOR
PORTFOLIO

HONEYWELL INTRODUCES
ITS HAWK™ RESOLVERS 1-
INCH SERIES, FULLY HOUSED
CONFIGURATION

HONEYWELL INTRODUCES
MICROPOWER OMNIPOLAR
DIGITAL HALL-EFFECT
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SUPPLY VOLTAGE AND ULTRA
LOW TYPICAL CURRENT

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Product Specifications

Function Level 1	Presence/Absence Speed and Positioning
Function Level 2	Contacting
Technology Level 1	Thick Film
Supply Voltage	40 Vdc max.
Measurement Type	Linear
Housing Size	102,9 mm [4.05 in]
Total Mechanical Travel	30,5 mm [1.20 in]
Electrical Travel	25,4 mm [1.0 in]
Starting Force (max.)	0,45 kg [1.0 lb]
Linearity	less than 0.5 %
Backlash	0,025 mm [.001 in]
Bearing Type	Sleeve
Shaft Material	Stainless Steel
Shaft Diameter	1/4 in - 28 NF-2A thread
Element Type	MystR® conductive plastic film
Housing Type	Anodized Aluminum
Termination	Binder Series 681
Wiper Current	<1 µA
Resolution	Infinite
Operating Temperature	-65 °C to 105 °C [-85 °F to 221 °F]
Vibration	20 g / 0,75 mm (rms) 5 hz to 2 khz
Shock	50 g 11 ms half sine
Operating Life	one billion dither operations
Resistance	1,500 Ohms
Resistance Tolerance	± 20 %
Weight	118 g [0.26 lb]
Sealing	NEMA 4
UNSPSC Code	41111945
UNSPSC Commodity	41111945 Linear position sensors
Availability	Global
Comments	Note: Mating Connector, Item Number 3718401, Sold Separately. Options; Electrical Travel, Total Resistance, Linearity, Rod End Bearing, Ball Joint Assembly, Shaft Thread (M6 x 1 Metric), Dual Elements
Series Name	SLF