

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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News Center

Honeywell Introduces TruStability® NSC Series, Uncompensated / Unamplified Board Mount Pressure Sensors

HONEYWELL EXPANDS ITS LIMITLESS™ PLATFORM WITH THE LAUNCH OF ITS GLOBALLY AVAILABLE INDUSTRIAL WIRELESS RECEIVER

HONEYWELL EXTENDS ITS TRUSTABILITY® PRESSURE SENSOR PRODUCT LINE WITH A SINGLE SIDE LIQUID MEDIA OPTION

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 SENSOR ICS WITH LOW SUPPLY VOLTAGE AND ULTRA LOW TYPICAL CURRENT

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white papers

Wireless Switches Offer Unlimited Benefit
Basic Switches Are Not Created Equal
Applying Precision Switches
Sensors for Medical Devices
New Ways to Measure Torque
Choosing Safety Switches
Specifying Hour Meters

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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