

# LRSI18-050A-00-20A Cut Sheet

Alliance Sensors inductive linear position sensor, spring loaded slide, 50mm stroke, 4-20 mA output, 19mm diameter x 129.0mm body, M18 x 1 mount, pigtail, 3.2ft/1m cable length.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/LRSI18-050A-00-20A>

## Technical Specifications

<b>Brand</b>	Alliance Sensors
<b>Item</b>	Linear position sensor
<b>Transducer Type</b>	Inductive
<b>Action</b>	Spring loaded slide
<b>Stroke</b>	50mm
<b>Output</b>	4-20 mA
<b>Head Type</b>	AGD #9 contact tip
<b>Head Material</b>	Hardened steel
<b>Housing Material</b>	Aluminum
<b>Housing Size</b>	19mm diameter x 129.0mm body
<b>Operating Voltage</b>	18-30 VDC
<b>Sensor Resolution</b>	0.025% of full scale

<b>Linearity</b>	+/- 0.15%
<b>Switching Cycles</b>	250,000,000 cycles
<b>Mounting</b>	M18 x 1
<b>IP Rating</b>	IP67
<b>Connection</b>	Pigtail
<b>Number of Wires</b>	4
<b>Conductor Size</b>	28 AWG
<b>Cable Length</b>	3.2ft/1m
<b>Jacket Material</b>	PUR
<b>Includes</b>	Mounting hardware
<b>Additional Information</b>	Contactless operation

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/LRSI18-050A-00-20A.pdf>  
See store item page for other formats.