

# LVI45-100R-01-20S Cut Sheet



Alliance Sensors inductive linear position sensor, pivoting slide, 100mm stroke, 12.5mm shaft diameter, 4-20 mA output, 45mm diameter x 250.9mm body, rod eyes mount, 5-pin M12 quick-disconnect.

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



<https://www.automationdirect.com/pn/LVI45-100R-01-20S>

## Technical Specifications

<b>Brand</b>	Alliance Sensors
<b>Item</b>	Linear position sensor
<b>Transducer Type</b>	Inductive
<b>Action</b>	Pivoting slide
<b>Stroke</b>	100mm
<b>Shaft Diameter</b>	12.5mm
<b>Output</b>	4-20 mA
<b>Housing Material</b>	Stainless steel
<b>Housing Size</b>	45mm diameter x 250.9mm 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>	Rod eyes
<b>IP Rating</b>	IP67
<b>Connection</b>	5-pin M12 quick-disconnect
<b>Number of Wires</b>	5
<b>Additional Information</b>	Contactless operation. Purchase cable separately

## 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>