LVI45-100R-01-20S Cut Sheet

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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

Brand	Alliance Sensors
Item	Linear position sensor
Transducer Type	Inductive
Action	Pivoting slide
Stroke	100mm
Shaft Diameter	12.5mm
Output	4-20 mA
Housing Material	Stainless steel
Housing Size	45mm diameter x 250.9mm body

Operating Voltage	18-30 VDC
Sensor Resolution	0.025% of full scale
Linearity	+/- 0.15%
Switching Cycles	250,000,000 cycles
Mounting	Rod eyes
IP Rating	IP67
Connection	5-pin M12 quick-disconnect
Number of Wires	5
Additional Information	Contactless operation. Purchase cable separately

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com
/static/drawings/2d/LVI45-100R-01-20S.pdf
See store item page for other formats.