

LVE45-100R-01-10S Cut Sheet

Alliance Sensors inductive linear position sensor, pivoting slide, 100mm stroke, 12.5mm shaft diameter, 0-10 VDC 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/LVE45-100R-01-10S>

Technical Specifications

Brand	Alliance Sensors	Operating Voltage	12-30 VDC
Item	Linear position sensor	Sensor Resolution	0.025% of full scale
Transducer Type	Inductive	Linearity	+/- 0.15%
Action	Pivoting slide	Switching Cycles	250,000,000 cycles
Stroke	100mm	Mounting	Rod eyes
Shaft Diameter	12.5mm	IP Rating	IP67
Output	0-10 VDC	Connection	5-pin M12 quick-disconnect
Housing Material	Stainless steel	Number of Wires	5
Housing Size	45mm diameter x 250.9mm body	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/LVE45-100R-01-10S.pdf>
See store item page for other formats.