

# LVI45-150R-01-20S Cut Sheet



Alliance Sensors inductive linear position sensor, pivoting slide, 150mm stroke, 12.5mm shaft diameter, 4-20 mA output, 45mm diameter x 301.7mm 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/LVI45-150R-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>                 | 150mm  |
| <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 301.7mm 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> |