

LT81E-R16-PLI0-EX-D

Linear Position Sensor – Analog

Technical data

Type	LT81E-R16-PLI0-EX-D
ID	100031982
Measuring principle	Magnetostrictive
Resolution	0.025 % of full scale/0.014 in. (whichever value is greater)
Accuracy	0.1 % of full scale or 0.050 in
Repeatability	0.014 in + 0.05 % of full scale (typ.)
Operating voltage U_B	13.5...30 VDC
Output function	2-wire, Analog output
Current output	4...20 mA
Current consumption	loop-powered
Approvals	ATEX FM Div.1 FM Div.2
Flange Adapter	Without adapter
Housing material	Plastic, PVDF
Electrical connection	Connector, Dual 3/4 in. NPT
Ambient temperature	-20...+70 °C
Protection class	IP68
Pressure resistance	145 psi

Features

13.5...30 VDC
Analog output, 4...20 mA
loop-powered

Functional principle

