

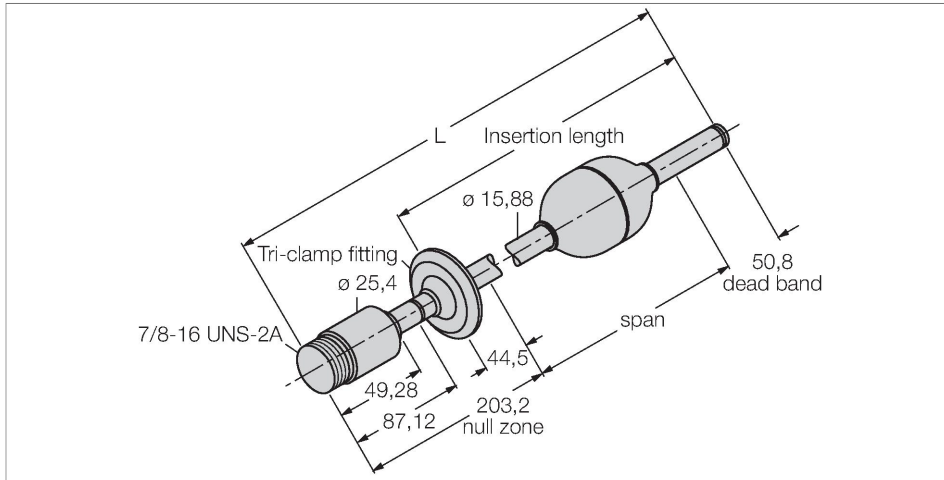
LT16E-R16-S30LI0-EX-B1140/3A

Magnetically actuated linear position sensor – Analog

Features

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

Wiring diagram



Technical data

Type	LT16E-R16-S30LI0-EX-B1140/3A
ID	LT0845
Measuring principle	Magnetostrictive
Measuring range	406.4 mm
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_s	13.5...30 VDC
Output function	2-wire, Analog output
Current output	20...4 mA
Current consumption	loop-powered
Approvals	ATEX FM Div.1 FM Div.2
Dimensions	660.4 mm
Flange Adapter	3 in. Tri-Clamp
Electrical connection	Connector, 7/8"

Functional principle

