

The Group Four LDT 200 LVDT transducer is available in ranges from +/-0.5 to 18", and in captive and unguided versions. Requires only simple unregulated power supplies of +20 to +40 Vdc.



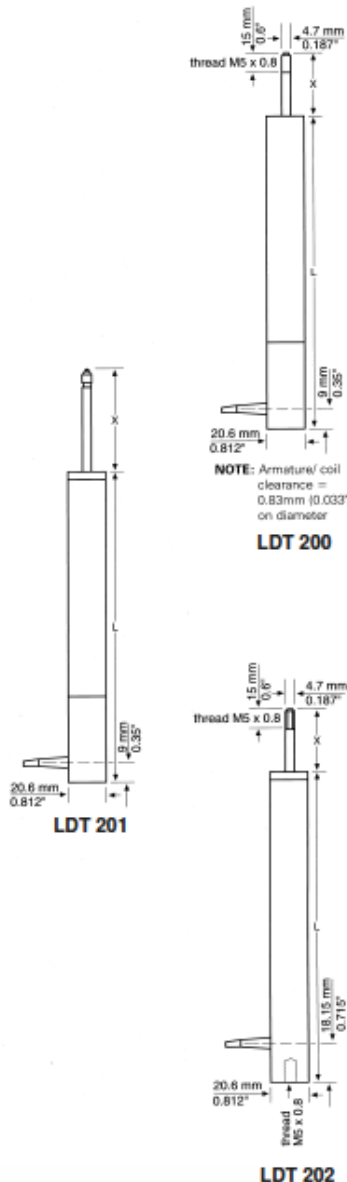
FEATURES

- Choice of armature
- +/- 0.5" to +/-18" stroke
- AC or DC operation
- Up to .1% linearity

SPECIFICATIONS

Stroke	+/-0.5" to +/- 18"
Linearity	0.5% F.S standard, 0.25% or 0.1% available on some models
Material	Stainless Steel
Temperature Range	-.58F to 257F
Output	Two anti-phase +/-5 Vdc nominal for working stroke -LDT
Supply voltage	+/-10 to +/-20 Vdc unregulated or +/-20 to +/-40 Vdc unreg @25mA
Cable	6.5ft
Options	Premium linearity Matched sensitivity Sealing against moisture Axial bendix connector Temp option to 392+F 0-10 or 10-0 Vdc output 2 Wire, 4-20 or 20-4 mA output

OUTLINE DIMENSIONS



Available ranges LDT 200 Unguided Armature				
Stroke	L"	X"	Body Weight	Arm Weight
+/- 0.5	6.9	1.71	213 gms	28 gms
+/- 1.0	8.0	2.7	270 gms	57 gms
+/- 2.0	12.5	3.2	369 gms	71 gms
+/- 3.0	16.9	4.7	497 gms	85 gms
+/- 4.0	18.7	5.2	625 gms	99 gms
+/- 6.0	26.2	7.2	852 gms	114 gms
+/- 8.0	33.7	10.2	1250 gms	142 gms

Available ranges LDT 201 Spring Return Armature				
Stroke	L"	X"	Body Weight	Spring Rate
+/- 0.5	7.15	1.5	227 gms	22 gms/cm
+/- 1.0	8.25	2.5	284 gms	26 gms/cm
+/- 2.0	12.75	3.0	398 gms	37 gms/cm
+/- 3.0	17.15	4.5	511 gms	39 gms/cm

Available ranges LDT 202 Captive Guide Armature			
Stroke	L"	X"	Body Weight
+/- 0.5	7.65	1.5	340 gms
+/- 1.0	8.75	2.5	398 gms
+/- 2.0	13.25	3.0	511 gms
+/- 3.0	17.65	4.5	625 gms
+/- 4.0	19.45	5.0	767 gms
+/- 6.0	26.95	7.0	1022 gms
+/- 8.0	34.45	10.00	1448 gms
+/- 10	42.00	12.00	1676 gms
+/- 15	58.00	16.00	2215 gms
+/- 18.5	68.50	20.00	2613 gms