

Linear Variable Differential Transformers (LVDT)

Listed below are the Linear Variable Differential Transformers at Newmark Structural Engineering Lab.

Range, in.	Quantity	Outside Diameter of LVDT Housing, mm (in.)	Length of LVDT Housing, mm (in.)	Model
± 5.00	4	15.9 (0.625)	387.4 (15.250)	Collins LMA-711T84
± 3.00	7	15.9 (0.625)	260.4 (10.250)	Collins LMA-711T64
	6	20.6 (0.812)	325.4 (12.81)	Schaevitz 3000HR
±2.00	8	20.6 (0.812)	254.0 (10.00)	Schaevitz 2000HR
±1.00	12	15.9 (0.625)	152.4 (6.000)	Collins LMA-711T42
±1.00 (spring loaded)	4	9.52 (0.375)	199.0 (7.85)	Trans Tek 0337-0000
±0.50	9	20.6 (0.812)	139.7 (5.50)	Schaevitz 500HR
±0.25 (spring loaded)	2	9.52 (0.375)	105.1 (4.13)	Trans Tek 0335-0000
±0.10 (spring loaded)	4	9.52 (0.375)	53.3 (2.10)	Trans Tek 0334-0000
±0.05	18	9.5 (0.375)	19.1 (0.75)	Macrosensors CD375-050
±3.00	9	19.1 (0.750)	266.7 (10.500)	HP 7DCDT-3000
±2.00	4	19.1 (0.750)	209 (8.21)	Trans Tek 0245-0000
±1.00	9	19.1 (0.750)	120 (4.71)	Trans Tek 0244-0000
	2	19.1 (0.750)	114.3 (4.500)	HP 7DCDT-1000
±0.5	5	19.1 (0.750)	88.9 (3.500)	HP 7DCDT-500
±0.25	5	19.1 (0.750)	81.5 (3.21)	Trans Tek 0242-0000
±0.10 (spring loaded)	7	23.6 (0.93)	75.2 (2.96)	Trans Tek 0351-0000
±0.05 (spring loaded)	12	23.6 (0.93)	66.1 (2.60)	Trans Tek 0350-0000