

	LRT (DIST)	LVDT	Magnetostrictive
Non-Contact	YES	YES	YES
Range	0 - 7.5 Meters and longer	0 - 0.5 Meters	0 - 7.5 Meters
Resolution	Sub Micron	dependent on length	Sub Micron
Accuracy	0.01% Full Scale	.25% Full Scale	dependent on length
Available Outputs	Digital, VDC, Current	VDC, Current	VDC, Current
Temperature Range	250 Deg C	250 Deg C	100 Deg C
Operable in High Radiation Environment	YES	YES	NO
Operable in High Shock Environment	YES	YES	NO
Operable in High Vibration Environment	YES	YES	NO
Absolute/Incremental	Absolute	Absolute	Absolute
Frequency Response	>10Khz	<1 KHz	<1 KHz
Latency	1 ms	1 ms	>>1ms dependent on length
Convenient Redundancy	YES	NO	NO
Cost	\$\$	\$\$\$\$	\$\$\$