Analog Laser Measurement Sensor Comparison

Min. to Max. Range (mm)

Sensor	Range	Resolution	Linearity
LM80	40 - 80 mm	0.002 mm	+/- 0.02 - 0.03 mm
LM150	50 - 150 mm	0.004 mm	+/- 0.06 - 0.07 mm
Q4X100	25 - 100 mm	0.15 mm	+/- 0.25 - 1 mm
Q4X300	25 - 300 mm	0.3 - 1 mm	+/- 0.8 - 9 mm
Q4X500	25 - 500 mm	0.3 - 1.75 mm	+/- 0.8 - 25 mm
Q4X600	25 - 600 mm	0.12 - 3 mm	+/- 0.75 - 28 mm
Q5X 3 m	95 mm - 3 m	1 - 30 mm	+/- 5 - 150 mm
LE250	100 - 400 mm	0.02 - 0.2 mm	+/- 0.375 - 0.9 mm
LE550	100 mm - 1 m	0.5 - 1 mm	+/- 2 - 4.5 mm
LTF12	50 mm - 12 m	0.9 - 9 mm	+/- 10 mm
LTF24	50 mm - 24 m	0.9 - 12 mm	+/- 25 mm