

# LE Series

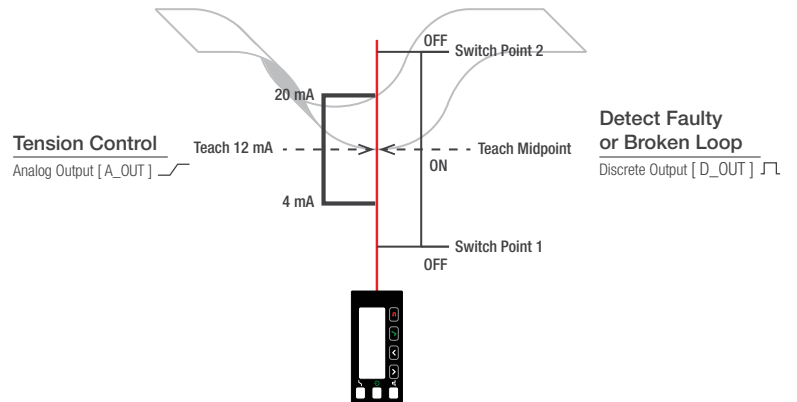
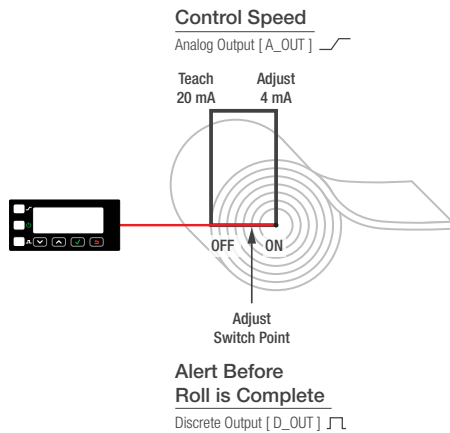


## High Precision Laser Measurement Sensor

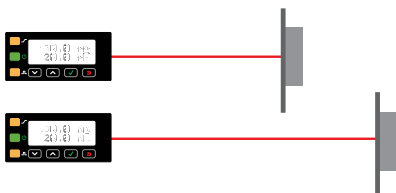
- Ready to measure right out of the box
- Easy adjustment and set-up with intuitive two-line, eight-character display
- Repeatability and accuracy for challenging targets, from metal to black rubber
- Visible class 2 laser for small spot size and simple alignment



## Intuitive Display, Simple Adjustment



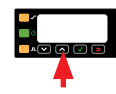
### Setting Options:



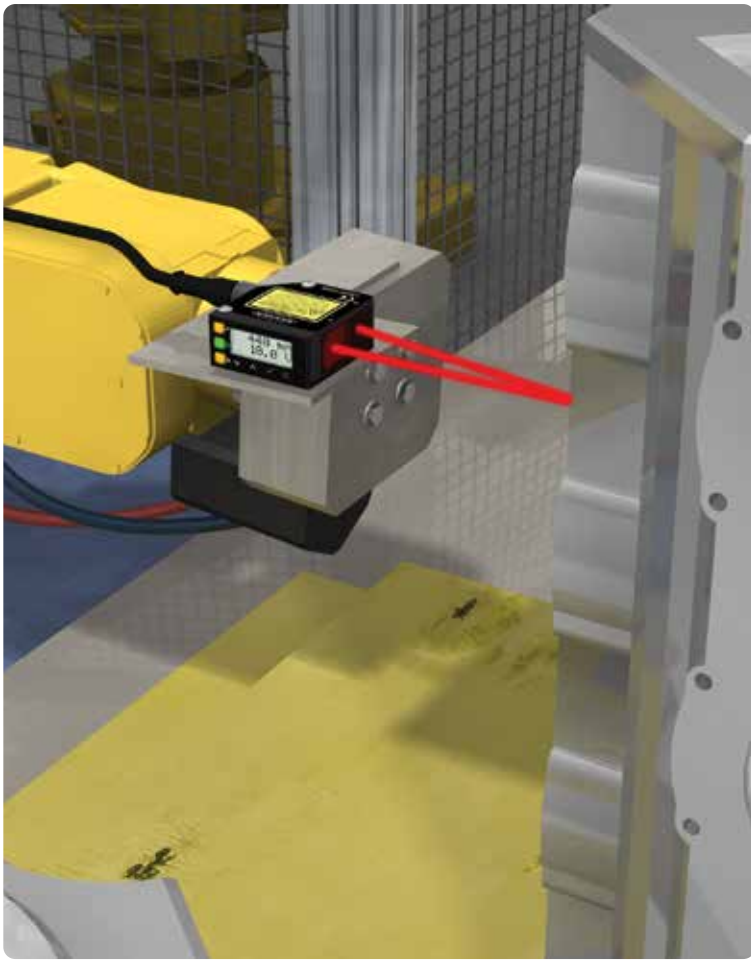
**2-Point Teach**  
Teach two targets as the end points of the analog span or discrete output window



**Mid-Point Teach**  
Teach a window of user-defined size around a target



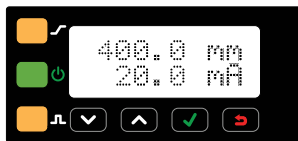
**Push Button Adjust**  
Manually set analog and discrete output end points without presenting a target



## Precision Laser Measurement

### LE250

- Measurement Range up to 400 millimeters
- Resolution as fine as 0.02 millimeters
- Small laser spot for detecting small features and best performance across changing colors and reflectivity



1.2 x 0.9 mm

### LE550

- Measurement Range up to 1 meter
- Sub millimeter resolution across entire range
- Larger spot for better measurement stability across uneven surfaces

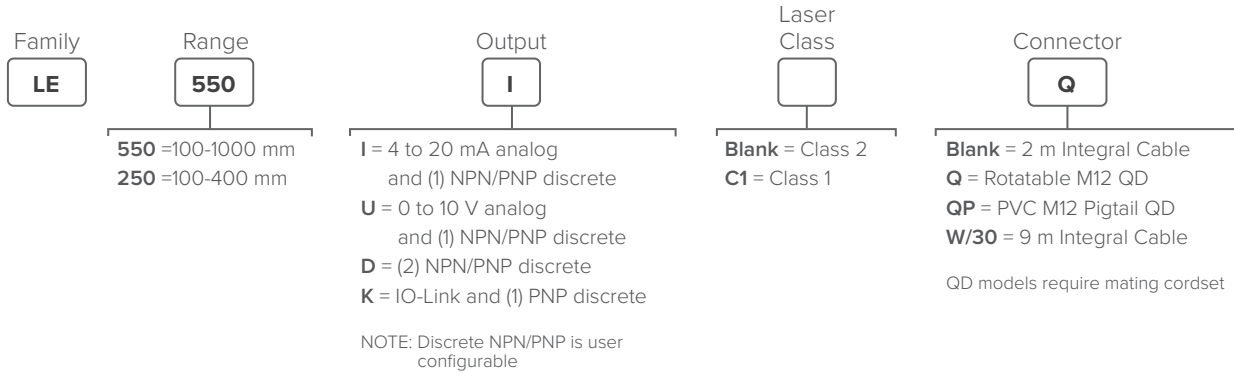


400 mm

12.1 mm x 4.9 mm



1000 mm

# LE Series Sensor



## Specifications



<b>Supply Voltage</b>	12 to 30 V dc
<b>Operating Conditions</b>	Temperature: -20° to +55° C (-4° to +131° F) Humidity: 90% at +55° C
<b>Construction</b>	Housing: Die-cast zinc Lens Cover: Acrylic
<b>Environmental Rating</b>	IEC IP67, NEMA 6
<b>Certifications</b>	 

## Accessories



SMBLEL



SMBLEU



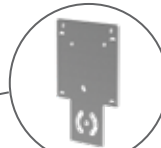
SMBLEFA



SMBAMSLEIP  
full assembly with plate and two protective windows



RWAMSLE  
replacement windows



SMBAMSLTFP  
mounting plate



M12 with Shield	5-pin
Straight connector models listed; for right-angle, add <b>RA</b> to the end of the model number (example, MQDEC2-506RA)	<b>MQDEC2-506</b> 2 m (6.5')
	<b>MQDEC2-515</b> 5 m (15')
	<b>MQDEC2-530</b> 9 m (30')
	<b>MQDEC2-550</b> 15 m (50')



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