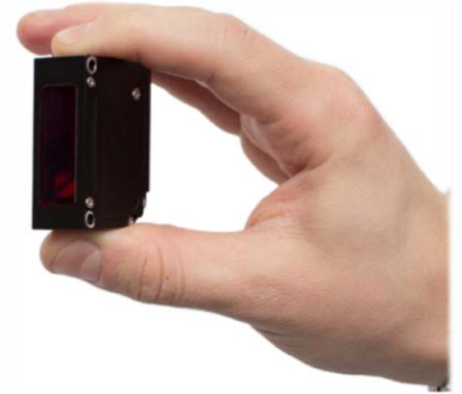# PRODUCT HIGHLIGHT: ACUITY **AR100**

COMPACT AND AFFORDABLE HIGH-PERFROMING TRIANGULATION SENSOR

The Acuity AR100 is one of the most compact triangulation sensors available worldwide. The sensor's ultra-compact enclosure and performance specs make it highly versatile at an affordable price point, especially for specific applications needing tight installation space.

Product Highlights

- Tiny package size and low mass (40 grams)
- Measurement range up to 500 mm
- Linearity up to 0.05% of the measurement range
- Sampling rate up to 9.4 kHz
- Red or Blue laser diode options available
- Dual Synchronized function ability
- Digital: RS232 or RS485
- Analog: 4-20 mA or 0-10 V

Popular Use Cases

- Machine builds with tight-fitting windows
- Tightly restricted space applications
- Robots on assembly lines
- Low weight machine design requirements