



Productivity through Precision.

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## Acuity® AR 200 Part Number Guide

### AR200

### AR200 Ordering Information

Part#	Description
	<b>AR200 Laser Sensors</b>
	<b>Note: Cable lengths greater than standard 2m are available. Please ask your Acuity manager.</b>
AP2000600	AR200-6, 2m Cable
AP2001200	AR200-12, 2m Cable
AP2002500	AR200-25, 2m Cable
AP2005000	AR200-50, 2m Cable
AP2010000	AR200-100, 2m Cable
	<b>AR200 Connectivity Kits</b>
AQ2000001	Connectivity Kit – US Plug
AQ2000002	Connectivity Kit – EU Plug
AQ2000005	Connectivity Kit – US Plug (serial to USB)
AQ2000006	Connectivity Kit – EU Plug (serial to USB)
	<b>AR200 Touch Panel Display</b>
AQ9900008	Touch Panel Display – 8" Screen, Linux

\*See page 2 for ordering descriptions



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### Ordering Guide

**Connectivity Kits:** Acuity sells a connectivity kit to aid in connecting your laser to a power supply and serial port. This product includes a 120V, 15 VDC, AC power supply; a serial cable with DB9 connector; and a solid-state, NEMA-4X interface box. The interface box includes two sets of terminal blocks for simple input (from sensor) and output (to your selected device), a DB9 male serial connector out, and a barrel style power connector in. You can either pass through the wiring to another unterminated cable, connect a DB9 serial cable directly to the interface box, or both at the same time.

**AQ2000001** - 120 V version with an US-style plug

**AQ2000002** - 240 V version with a European-style plug

**AQ2000005** – w/ serial to USB cable for ease of connection into industrial computers - US plug

**AQ2000006** – w/ serial to USB cable for ease of connection into industrial computers - Euro plug

**Touch Panel Display (AQ9900008):** Stand-alone terminal interface for use with Acuity laser distance sensors. These fully enclosed units replace panel meters, alphanumeric displays, and analog controllers by providing a modern interface through a full-color LCD and touch screen. The Touch Panel Display communicates with up to 6 Acuity sensors using RS-232 serial interfaces. The touch panel can be easily configured using on-screen buttons to display, scale, and even graph the sensors' distance outputs. Relative dimensions can be measured using a tare function. With two Acuity sensors paired together, the touch panel can serve as a thickness gauge. Limits can be programmed into the touch panel to give a visual warning to operators that the target is too close or too far or too thick or too thin. With a USB flash drive, measurements can be logged and saved for further analysis.