Productivity through Precision®

Acuity® AR 200 Part Number Guide

AR200

AR200 Ordering Information

Part #	Description
	AR200 Laser Sensors
AP2000600	AR200-6, Range 6mm, RS232, 0-10V, 420mA
AP2001200	AR200-12, Range 12mm, RS232, 0-10V, 420mA
AP2002500	AR200-25, Range 25mm, RS232, 0-10V, 420mA
AP2005000	AR200-50, Range 50mm, RS232, 0-10V, 420mA
AP2010000	AR200-100, Range 100mm, RS232, 0-10V, 420mA
	AR200 Cables
CBA200105	Cable ASSEMBLY: AR200, 5M, STRAIGHT
CBA200110	Cable ASSEMBLY: AR200, 10M, STRAIGHT
CBA200205	Cable ASSEMBLY: AR200, 5M, RIGHT ANGLE
CBA200210	Cable ASSEMBLY: AR200, 10M, ,RIGHT ANGLE
	AR200 Connectivity Kits
AQ7000001	Connectivity Kit w/DB9 Serial Cable – US Plug
AQ7000002	Connectivity Kit w/DB9 Serial Cable – EU Plug
AQ7000005	Connectivity Kit w/Serial to USB Cable – US Plug
AQ7000006	Connectivity Kit w/Serial to USB Cable – EU Plug
	AR200 Touch Panel Display
AQ9900007	TOUCH PANEL PC, 7: ACUITY STANDARD
AQ9900008	TOUCH PANEL PC, 8: ACUITY STANDARD

See page 2 for ordering descriptions.
Please note that cables need to be selected and included in your order.

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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.

AQ7000001 - 120 V version with an US-style plug
AQ7000002 - 240 V version with a European-style plug
AQ7000005 – w/ serial to USB cable for ease of connection into industrial computers - US plug
AQ7000006 – 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.