Schmitt Industries, Inc
2765 NW Nicolai Street
Portland, Oregon 97210-1818 USA
Tel.: +1 503 227 7908
Fax: +1 503 223 1258
www.acuitylaser.com

Productivity through Precision®

AR2000 – Limited Quantities Available
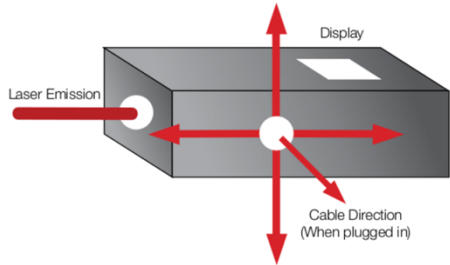
AR2000 Ordering Information
This product is being phased out

Part#	Description
	AR2000 Laser Sensors w/o Internal Heater
APL222101	AR2000: Laser Sensor with RS232/422/485 Outputs
	AR2000 Laser Sensors w/ Internal Heater
APL222141	AR2000: Laser Sensor with RS232/422/485, Outputs
	AR2000 Interface Cables
	SEE DIAGRAM BELOW
	AR2000 PROFIBUS Cables
APL024160	**AR2000 PROFIBUS-Out Cable, 5m**
	AR2000 Connectivity Kits
AQ7000001	Connectivity Kit – US Plug
AQ7000002	Connectivity Kit – EU Plug
AQ7000005	Connectivity Kit – US Plug (serial to USB)
AQ7000006	Connectivity Kit – EU Plug (serial to USB)
	AR2000 Touch Panel Display
AQ9900007	Touch Panel Display – 7" Screen, Linux
	AR2000 Miscellaneous Parts
AQ2508112	AR2000 Cooling Enclosure
APL025012	AR2000 Sunscreen

*See page 2 for ordering descriptions, if needed.

AR2000
Cable Part Numbers & Orientation

Cable Direction	Cable Length	Part Number	Price
Straight Out	2 Meters	APL024144	$95
	5 Meters	APL024145	$175
	10 Meters	APL024146	$225
0 Degrees	2 Meters	APL024110-0	$125
	5 Meters	APL024111-0	$175
	10 Meters	APL024112-0	$225
	15 Meters	APL024113-0	$275
90 Degrees	2 Meters	APL024110-1	$125
	5 Meters	APL024111-1	$175
	10 Meters	APL024112-1	$225
	15 Meters	APL024113-1	$275
180 Degrees	2 Meters	APL024110-2	$125
	5 Meters	APL024111-2	$175
	10 Meters	APL024112-2	$225
	15 Meters	APL024113-2	$275
270 Degrees	2 Meters	APL024110-3	$125
	5 Meters	APL024111-3	$175
	10 Meters	APL024112-3	$225
	15 Meters	APL024113-3	$275

Laser Emission
Display
Cable Direction
(When plugged in)

Schmitt Industries, Inc
2765 NW Nicolai Street
Portland, Oregon 97210-1818 USA
Tel.: +1 503 227 7908
Fax: +1 503 223 1258
www.acuitylaser.com

Acuity® AR 2000 Part Number Guide

Accessory 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.

      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: 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 one or two 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, 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.