

## Delivery Program

<b>Product Category:</b>	Load Cells
<b>Model:</b>	47 Fatigue Rated Ultra Precision
<b>Order Code(s):</b>	AL117

### USE THE CHART BELOW TO DETERMINE LEAD TIMES<sup>1</sup>

The range or option code with the longest lead time dictates the shipping time. Categories shaded in grey are required selections. For example (reference only):

If you build this:	The order configuration is this:	The delivery class is:
AL117 + 250 load range ( <b>CN</b> ), 30 °F to 130 °F ( <b>1b</b> ), Unamplified, mV/V output ( <b>2u</b> ), PVC integral cable ( <b>6f</b> ), and radially electrical exit ( <b>15c</b> )	AL117 – <b>CN</b> – <b>1b</b> – <b>2u</b> – <b>6f</b> – <b>15c</b>	<b>Build-to-order, call Honeywell for lead time</b>

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	<b>Quick-ship</b> (Ships in 1-5 days)	<b>Fast track manufacture</b> (Ships within 4 weeks)	<b>Build-to-order</b> (Call Honeywell 1-800-848-6564 or +1 614-850-5000)
<b>Load ranges</b>			250 ( <b>CN</b> ), 500 ( <b>CR</b> ), 1000 ( <b>CV</b> ), 2500 ( <b>DM</b> ), 5000 ( <b>DR</b> ), 12500 ( <b>DW</b> ), 25000 ( <b>EM</b> ), 50000 ( <b>EP</b> ), 100000 lb ( <b>ET</b> )
<b>Temperature compensation</b>			<b>1a.</b> 60 °F to 160 °F <b>1b.</b> 30 °F to 130 °F * <b>1c.</b> 0 °F to 185 °F <b>1d.</b> -20 °F to 130 °F <b>1e.</b> -20 °F to 200 °F <b>1f.</b> 70 °F to 250 °F <b>1g.</b> 70 °F to 325 °F <b>1h.</b> 70 °F to 400 °F <b>1i.</b> -65 °F to 250 °F <b>1j.</b> 0 °C to 50 °C <b>1k.</b> -20 °C to 85 °C <b>1m.</b> -25 °C to 110 °C
<b>Internal amplifiers</b>			<b>2u.</b> Unamplified, mV/V output * <b>2b.</b> ±5 Vdc <b>2c.</b> 0 Vdc to 5 Vdc output <b>2j.</b> 4 mA to 20 mA (three-wire) output <b>2k.</b> 4 mA to 20 mA (two-wire) output <b>2t.</b> 0 Vdc to 10 Vdc <b>2n (2N)</b> 4 mA to 20 mA (two-wire) intrinsically safe
<b>Electrical termination</b>			PCO2E-10-6P * <b>6e.</b> Integral cable: Teflon <b>6a.</b> Bendix PTIH-10-6P (or equivalent) 6-pin <b>6b.</b> MS connector MS3102E-14S-6P (mates w/ MS3106E-14S-6S, max 160°F) <b>6f.</b> Integral cable: PVC <b>6g.</b> Integral cable: Neoprene <b>6h.</b> Integral cable: Silicone <b>6i.</b> Integral underwater cable <b>6j.</b> 1/2-14 conduit fitting with 5 ft of 4 conductor PVC cable <b>6q.</b> Molded integral cable: Polyurethane <b>6v.</b> Phoenix connector on end of cable
<b>Electrical connector orientation</b>			<b>15a.</b> Horizontal electrical exit port orientation <b>15b.</b> Vertical electrical exit port orientation <b>15c.</b> Radial electrical exit port orientation * <b>15d.</b> Connector on end of cable
<b>Shunt cal.</b>			<b>8a.</b> Precision internal resistor
<b>Special calibration</b>			<b>9a.</b> 10 point (5 up/5 down) 20 % increments @ 70 °F <b>9b.</b> 20 point (10 up/10 down) 10 % increments @ 70 °F <b>9c.</b> ASTM E-74 calibration <b>9e.</b> CE mark <b>30a.</b> Compression only calibration, positive in compression <b>30b.</b> Tension and compression calibration, positive in tension <b>30c.</b> Compression only calibration, negative in compression <b>30d.</b> Tension and compression calibration, positive in compression

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<b>Bridge type</b>			<b>11a.</b> Square bridge <b>11c.</b> Square and symmetrical bridge <b>31a.</b> Dual bridge
<b>Bridge resistance</b>			<b>12b.</b> 5000 ohm (foil) (max. 250 °F)
<b>Interfaces</b>			<b>53e.</b> Signature calibration (inline module available) <b>53t.</b> TEDS IEEE 1451.4 module

<sup>1</sup> LEAD/SHIPPING TIMES ARE APPROXIMATIONS AND MAY VARY DEPENDING ON PRODUCT AVAILABILITY AND OTHER FACTORS. IN NO EVENT SHALL HONEYWELL BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, OR PUNITIVE DAMAGES, EVEN WHERE HONEYWELL HAS BEEN ADVISED OF, OR IS OTHERWISE AWARE OF, THE POSSIBILITY OF SUCH DAMAGES, FOR FAILURE TO MEET SUCH LEAD / SHIPPING TIMES.

\* Default options.

Note: Before selecting option/s, please refer to the Test and Measurement catalog or product data sheet for special application notes and compatibility. A catalog can be ordered on-line at <https://home.honeywell-online.com/newTMcatalog>. Product data sheets are available on Honeywell's web site at <http://content.honeywell.com/sensing/sensotec/catpages.asp>.