

# Analog Sensor Part Number Key

<b>B</b>	<b>I</b>	<b>15</b>	-	<b>M</b>	<b>30</b>	-	<b>LIU</b>	<b>Wiring Option*</b>
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<p><b>Mounting</b></p> <p>B = embeddable N = nonembeddable W = position</p> <p><b>Principle of Operation</b></p> <p>I = inductive IM = inductive magnet operated</p> <p><b>Rated Operating Distance (mm)</b></p>	<p><b>Sensing Characteristics</b></p> <p>R = ring sensor</p> <p><b>Housing Material Modifier</b></p> <p>E = stainless steel</p> <p><b>Housing Style</b></p> <p><b>Barrel - Metal</b></p> <p>G = full threading, generally chrome plated brass M = partial threading, chrome plated brass</p> <p><b>Rectangular</b></p> <p>Q = metal or plastic, various rectangular styles</p> <p><b>Limit Switch</b></p> <p>CK = Stubby®, short plastic, various rectangular styles CP = Combiprox®, plastic housing, terminal chamber base with removable sensor</p> <p><b>Ring</b></p> <p>Q = small rectangular plastic housing, static output</p>	<p><b>Number of LEDs</b></p> <p>(blank) = no LEDs X = 1 LED</p> <p><b>Modifier</b></p>	<p><b>Output</b></p> <p>LF = frequency output LI(LU) = linear analog output current (LI, 15-30 VDC) or voltage (LU, 15-30 VDC) LIU = linear analog output (current and voltage, 15-30 VDC) SIU = analog output (non-linear)</p> <p><b>Secondary Barrel Modifier</b></p> <p>E = extended barrel length</p> <p><b>Housing Diameter or Height (mm)</b></p>
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**NOTE:**  
Part number keys are to assist in identification only.  
Verify new part numbers with factory; some configurations are not possible.

\*See below for Wiring Options

We reserve the right to make technical alterations without prior notice.

## Wiring Options\*

### A. Connectorized Sensor

<b>BI15 - M30 - LIU -</b>	<b>H1</b>	<b>1</b>	<b>4</b>	<b>1</b>
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<p><b>Connector Family</b></p> <p>H1 = Eurofast®, M12x1, metal or plastic, male V1 = Picofast®, snap and M8x1, metal, male (Q08 snap only)</p> <p><b>Connector/Sensor Transition</b></p> <p>1 = straight</p>	<p><b>Factory Code</b></p> <p><b>Example:</b> 1 = standard wiring</p> <p><b>Number of Pins</b></p>
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### B. Potted Cable

<b>Bi 5 - M18 - LIU -</b>	<b>7M</b>
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<p><b>Cable Length</b></p> <p>Blank = 2 Meter cable 7M = 7 Meter cable</p>
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