

Incremental Optical Encoder for Servo Motor & Manual Pulse Generator

● Product Code

<u>U(M)48</u>	<u>30</u>	<u>E</u>	<u>360</u>	<u>B</u>	<u>5</u>	<u>L</u>	<u>6</u>
Frame Size 48: 48mm	Body Length 30: 30mm	Lead Style E: Axial G: Radial C: Plug	Resolution 360: 360CPR	Output B: A/B Z: A/B/Z W: A/B/Z U/V/W	Voltage 5: 5V 12: 12V 24: 24V	Output Circuit L: Line driver C: Open Coll. E: Voltage F: Push pull	Hole Dia. 6: 6mm 5: 5mm 10: 10mm

● Product Specifications

	<p>U48xx series for Servo Motor</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Frame Size</td><td>48mm x H32mm</td></tr> <tr><td>Hole Size (mm)</td><td>8 / 12 mm</td></tr> <tr><td>Count Frequency (Hz)</td><td>100KHz</td></tr> <tr><td>Resolutions (CPR)</td><td>2500</td></tr> <tr><td>Channel Outputs</td><td>A, B, Z, U, V, W</td></tr> <tr><td>Output Circuit</td><td>Line driver</td></tr> <tr><td>Supply Voltage (Vdc)</td><td>5</td></tr> </table>	Frame Size	48mm x H32mm	Hole Size (mm)	8 / 12 mm	Count Frequency (Hz)	100KHz	Resolutions (CPR)	2500	Channel Outputs	A, B, Z, U, V, W	Output Circuit	Line driver	Supply Voltage (Vdc)	5
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Channel Outputs	A, B, Z, U, V, W														
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	<p>U50xx series for Servo Motor</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Frame Size</td><td>50mm x H30mm</td></tr> <tr><td>Hole Size (mm)</td><td>12/20/30/40mm</td></tr> <tr><td>Count Frequency (Hz)</td><td>100KHz</td></tr> <tr><td>Resolutions (CPR)</td><td>10 - 3600</td></tr> <tr><td>Channel Outputs</td><td>A, B, Z</td></tr> <tr><td>Output Circuit</td><td>Open Collector</td></tr> <tr><td>Supply Voltage (Vdc)</td><td>5, 12, 15, 24</td></tr> </table>	Frame Size	50mm x H30mm	Hole Size (mm)	12/20/30/40mm	Count Frequency (Hz)	100KHz	Resolutions (CPR)	10 - 3600	Channel Outputs	A, B, Z	Output Circuit	Open Collector	Supply Voltage (Vdc)	5, 12, 15, 24
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	<p>U52xx Series for Servo Motor</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Frame Size</td><td>52mm x H19mm</td></tr> <tr><td>Hole Size (mm)</td><td>8</td></tr> <tr><td>Count Frequency (Hz)</td><td>120KHz</td></tr> <tr><td>Resolutions (CPR)</td><td>360, 512</td></tr> <tr><td>Channel Outputs</td><td>A, B, Z, U, V, W</td></tr> <tr><td>Output Circuit</td><td>Line driver, Voltage</td></tr> <tr><td>Supply Voltage (Vdc)</td><td>5</td></tr> </table>	Frame Size	52mm x H19mm	Hole Size (mm)	8	Count Frequency (Hz)	120KHz	Resolutions (CPR)	360, 512	Channel Outputs	A, B, Z, U, V, W	Output Circuit	Line driver, Voltage	Supply Voltage (Vdc)	5
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	<p>M60/80xx Manual Pulse Generator</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Frame Size</td><td>60/80mm x H26mm</td></tr> <tr><td>Hole Size (mm)</td><td>20/70</td></tr> <tr><td>Count Frequency (Hz)</td><td>20KHz</td></tr> <tr><td>Resolutions (CPR)</td><td>100</td></tr> <tr><td>Channel Outputs</td><td>A, B</td></tr> <tr><td>Output Circuit</td><td>Open Collector, Push pull, Line driver, Voltage</td></tr> <tr><td>Supply Voltage (Vdc)</td><td>5, 12</td></tr> </table>	Frame Size	60/80mm x H26mm	Hole Size (mm)	20/70	Count Frequency (Hz)	20KHz	Resolutions (CPR)	100	Channel Outputs	A, B	Output Circuit	Open Collector, Push pull, Line driver, Voltage	Supply Voltage (Vdc)	5, 12
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