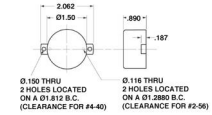




MBA

Encoders - Optical Rotary



Line Driver.

3 Channels : A, B, Index.

No power required for either motor or encoder during assembly.

All components are factory aligned for quick installation.

Can be mounted on either 46mm or 32.5mm bolt circle.

Encoders - Optical Rotary

| Part Number | Shaft Size mm <i>inches</i> | Housing Diameter mm <i>inches</i> | Minimum Shaft Length mm <i>inches</i> | Length of Housing mm <i>inches</i> | Maximum Supply Current mA | Supply Voltage (±5%) | Maximum Frequency KHz | Resolution |
|-----------------|--------------------------------|--------------------------------------|--|---------------------------------------|---------------------------|----------------------|-----------------------|------------|
| # ORE-5.00-1000 | 5.001 <i>0.197</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 1000 |
| # ORE-5.00-200 | 5.001 <i>0.197</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 200 |
| # ORE-5.00-250 | 5.001 <i>0.197</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 250 |

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Encoders - Optical Rotary

| Part Number | Shaft Size mm <i>inches</i> | Housing Diameter mm <i>inches</i> | Minimum Shaft Length mm <i>inches</i> | Length of Housing mm <i>inches</i> | Maximum Supply Current mA | Supply Voltage (±5%) | Maximum Frequency KHz | Resolution |
|-----------------|--------------------------------|--------------------------------------|--|---------------------------------------|---------------------------|----------------------|-----------------------|------------|
| # ORE-5.00-50 | 5.001 <i>0.197</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 50 |
| # ORE-5.00-500 | 5.001 <i>0.197</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 500 |
| # ORE-5.00-100 | 5.001 <i>0.197</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 100 |
| # ORE-6.34-100 | 6.345 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 100 |
| # ORE-6.34-1000 | 6.345 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 1000 |
| # ORE-6.34-200 | 6.345 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 200 |
| # ORE-6.34-250 | 6.345 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 250 |
| # ORE-6.34-50 | 6.345 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 50 |
| # ORE-6.34-500 | 6.345 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 500 |
| # ORE-6.35-250 | 6.353 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 250 |

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Encoders - Optical Rotary

| Part Number | Shaft Size mm <i>inches</i> | Housing Diameter mm <i>inches</i> | Minimum Shaft Length mm <i>inches</i> | Length of Housing mm <i>inches</i> | Maximum Supply Current mA | Supply Voltage (±5%) | Maximum Frequency KHz | Resolution |
|-----------------|--------------------------------|--------------------------------------|--|---------------------------------------|---------------------------|----------------------|-----------------------|------------|
| # ORE-6.35-100 | 6.353 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 100 |
| # ORE-6.35-200 | 6.353 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 200 |
| # ORE-6.35-50 | 6.353 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 50 |
| # ORE-6.35-500 | 6.353 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 500 |
| # ORE-6.35-1000 | 6.353 <i>0.250</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 1000 |
| # ORE-9.52-100 | 9.520 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 100 |
| # ORE-9.52-1000 | 9.520 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 1000 |
| # ORE-9.52-200 | 9.520 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 200 |
| # ORE-9.52-250 | 9.520 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 250 |
| # ORE-9.52-50 | 9.520 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 50 |

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Encoders - Optical Rotary

| Part Number | Shaft Size mm <i>inches</i> | Housing Diameter mm <i>inches</i> | Minimum Shaft Length mm <i>inches</i> | Length of Housing mm <i>inches</i> | Maximum Supply Current mA | Supply Voltage (±5%) | Maximum Frequency KHz | Resolution |
|-----------------|--------------------------------|--------------------------------------|--|---------------------------------------|---------------------------|----------------------|-----------------------|------------|
| # ORE-9.52-500 | 9.520 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 500 |
| # ORE-9.53-500 | 9.528 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 500 |
| # ORE-9.53-100 | 9.528 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 100 |
| # ORE-9.53-1000 | 9.528 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 1000 |
| # ORE-9.53-200 | 9.528 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 200 |
| # ORE-9.53-250 | 9.528 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 250 |
| # ORE-9.53-50 | 9.528 <i>0.375</i> | 38.100 <i>1.500</i> | 16.002 <i>0.630</i> | 22.606 <i>0.890</i> | 135 | 5V DC | 100 | 50 |

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