

## 510 SERIES ENCODERS

**Features:**

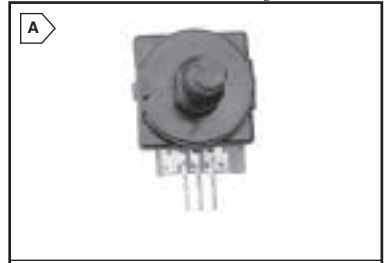
- Cost effective, eliminates need for A/D converters
- High resolution up to 36 positions
- Stability from -40°C to 105°C (-40°F to 221°F)
- Horizontal and vertical mounting



RoHS Compliant

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.                   | Honeywell Part No. | Fig. | Detents | Contact Resistance (Ω) | Contact Rating       | Operating Torque   | Price Each |      |      |
|------------------------------------|--------------------|------|---------|------------------------|----------------------|--------------------|------------|------|------|
|                                    |                    |      |         |                        |                      |                    | 1          | 10   | 50   |
| <a href="#">785-510E1A48F204PB</a> | 510E1A48F204PB     | A    | 16      | 5                      | 28 Vdc max at 250 mA | 0.0216 Nm~0.036 Nm | 4.11       | 4.01 | 3.55 |
| <a href="#">785-510E1A48F206PB</a> | 510E1A48F206PB     | A    | 24      | 5                      | 28 Vdc max at 250 mA | 0.0216 Nm~0.036 Nm | 4.11       | 4.01 | 3.55 |
| <a href="#">785-510E1A48F209PB</a> | 510E1A48F209PB     | A    | 36      | 5                      | 28 Vdc max at 250 mA | 0.0216 Nm~0.036 Nm | 4.00       | 3.60 | 3.40 |

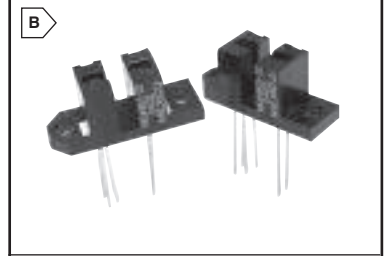


## ENCODER SENSORS

Sense speed and direction of mechanical motion. These sensors are typically used in conjunction with an encoder disk or linear encoder strip attached to an element for which the speed and direction of movement is to be sensed. As the interruptive pattern moves, the sensor provides data which can be processed to provide the speed and direction information. These plastic products are PC mount.

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.                | Honeywell Part No. | Fig. | Supply Voltage | Continuous Forward Current | Power Dissipation | Rise/Fall (μs) | Price Each |      |      |
|---------------------------------|--------------------|------|----------------|----------------------------|-------------------|----------------|------------|------|------|
|                                 |                    |      |                |                            |                   |                | 1          | 10   | 50   |
| <a href="#">785-HOA0901-011</a> | HOA0901-011        | B    | 5.5 Vdc        | 50 mA                      | 100 mW            | 100 ns         | 9.38       | 9.03 | 8.89 |
| <a href="#">785-HOA0901-012</a> | HOA0901-012        | B    | 5.5 Vdc        | 50 mA                      | 100 mW            | 100 ns         | 9.38       | 9.03 | 8.89 |
| <a href="#">785-HOA0902-011</a> | HOA0902-011        | B    | 5.5 Vdc        | 50 mA                      | 100 mW            | --             | 9.02       | 8.71 | 8.36 |



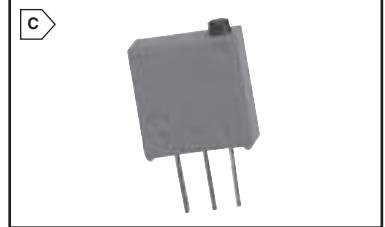
## 364 SERIES TRIMMERS

**Features:**

- 0.5 Watt
- Cermet element
- Low cost
- 25 Turns
- Superior setability and stability
- CRV to 3% or 3 Ohms
- Contact idles at stops

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.             | Honeywell Part No. | Fig. | Value (Ω) | Tolerance | Shaft Location | Price Each |      |      |
|------------------------------|--------------------|------|-----------|-----------|----------------|------------|------|------|
|                              |                    |      |           |           |                | 1          | 10   | 50   |
| <a href="#">785-364W10K</a>  | 364W10K            | C    | 10K       | ±10%      | Vertical       | 4.02       | 3.65 | 3.15 |
| <a href="#">785-364W100K</a> | 364W100K           | C    | 100K      | ±10%      | Vertical       | 4.02       | 3.65 | 3.15 |
| <a href="#">785-364Y5K</a>   | 364Y5K             | C    | 5K        | ±10%      | Vertical       | 4.00       | 3.61 | 3.14 |
| <a href="#">785-364Y20K</a>  | 364Y20K            | C    | 20K       | ±10%      | Vertical       | 4.00       | 3.61 | 3.14 |
| <a href="#">785-364Y100K</a> | 364Y100K           | C    | 100K      | ±10%      | Vertical       | 4.00       | 3.61 | 3.14 |



Power Resistors  
Honeywell