



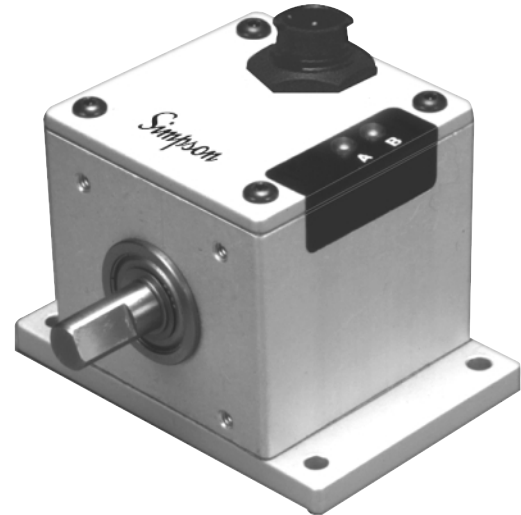
# Dual Shaft Encoder

## SE Quadrature Encoder

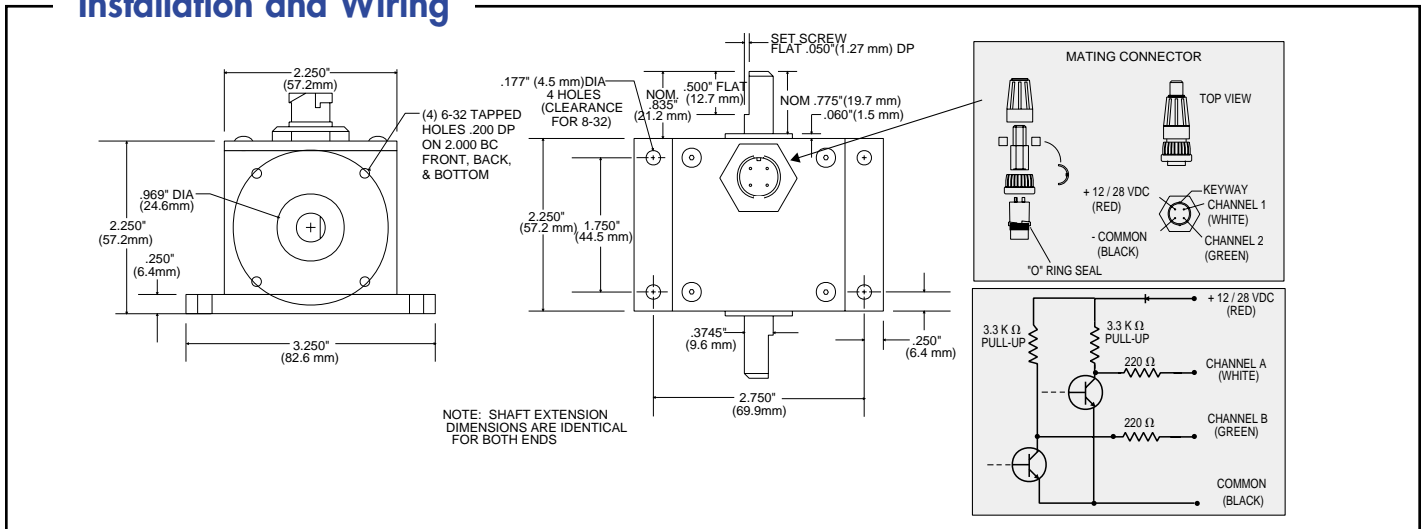
The SE Quadrature Dual-Shaft Encoders combine the most routinely-used features in one standard device, and is available with a selection of five different resolutions (pulses/revolution).

The cube-style unit uses an infrared light source and precision mechanical components to provide exact, repeatable counts. Mounting the encoder is quick and easy using the pre-drilled holes in the base flange, or the housing mounting holes located at each shaft output. This encoder can be used as a direct replacement for other brand encoders, with no blind holes to drill. The double-ended, flat-keyed shaft permits a choice of mounting positions. Chrome steel bearings provide 20% longer life than stainless steel bearings.

To aid in troubleshooting, LEDs are located directly on the body to instantly verify correct output operation. Quadrature output is standard and can be externally scaled to provide any engineering unit (RPM, angular position, feet/min., etc.). Gold-plated connectors ensure maximum signal transfer. Very low power consumption; typical current draw, 35mA @ 15VDC.

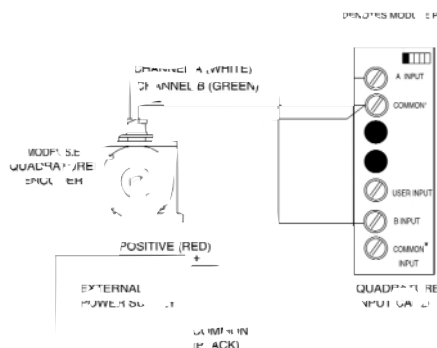


### Installation and Wiring



### Wiring Examples

Connecting Quadrature Encoder using external power supply.



Connecting Quadrature Encoder using S660 Excitation Power Supply.

