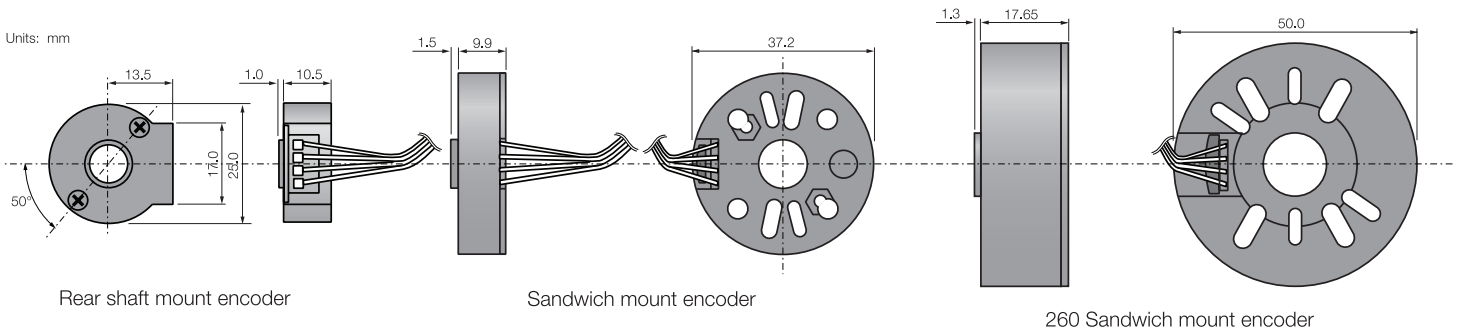


DC Motors

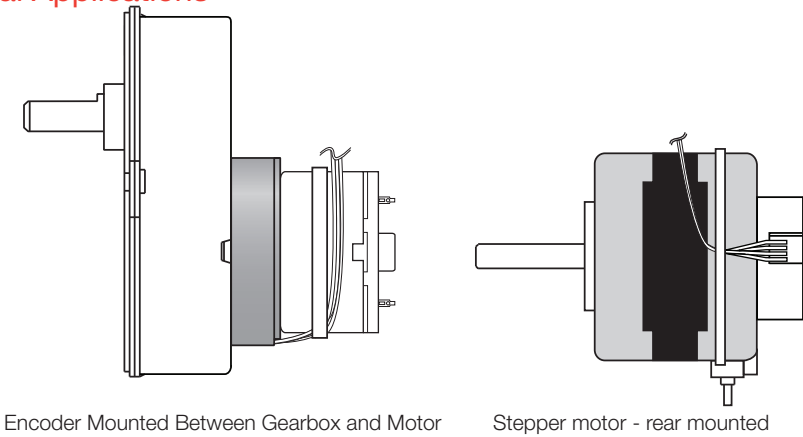
Dual Channel Encoder

Issue 04

The incremental dual channel encoder is available in two different styles. One allows for mounting in the traditional way - on the rear of the motor, and the other provides a sandwich mount between standard single shaft DC motors and Gearboxes. The unit has a 48 line quadrature output (thereby giving 192 positions per rev with signal processing). Long-life optical components are used in the design, operating from a standard 5 volt supply. The detector has internal amplification and a Schmitt trigger output to directly drive CMOS/TTL logic. These encoders are compatible with our range of DC motors.



Typical Applications



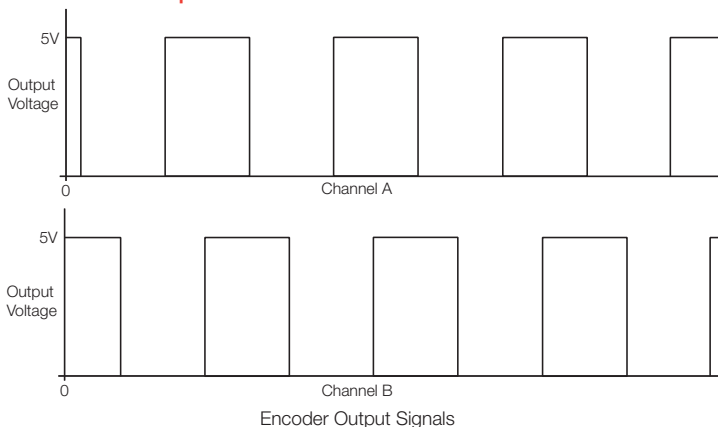
General Specification

Number of Channels	2
Pulses per Motor rev.	48
Output	CMOS/TTL
Supply Voltage	5 Vdc
Supply Current	<30mA

Wiring Colour Code

+5V	Brown
Ground	Blue
Channel A	Yellow
Channel B	Orange

Typical Encoder Output



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