

# DGO

## Rotary Inductive Transformer

### Application:

The type **DGO Rotary Inductive Transformer** is designed to provide a variable DC speed reference voltage for AC electric drives using rotary magnetism. Since the principle of the design is magnetic, there is no physical contact of components that could wear, allowing longer operating life. A variety of output characteristics can be obtained, making it particularly suitable for crane applications where a slightly higher or lower reference voltage may be needed for some operations.

### Features:

- Small space requirement
- Direct coupling to master switch with ease of adjustments for coupling and supplying offsets in output.
- A small output voltage change is achieved from 0° to 20° rotation, increasing safety during initial movement and allowing more operator control at slow speeds.
- Primary and secondary coils are epoxy encapsulated separately for electrical environmental integrity.



# DGO TECHNICAL DATA

- **Transformer rotation:**  $\pm 105^\circ$
- **Maximum load:** 3VA
- **Weight:** 1.43 lbs
- **Voltages:**  
 DGO-1 Primary 115VAC  
           Secondary 50VAC @ 50 or 60 Hz  
  
 DGO-2 Primary 220VAC  
           Secondary 50VAC @ 50 or 60 Hz  
  
 Other voltages and types available (consult factory)

