

## Features

- Analog (Current or Voltage) Output
- 5/8" Stainless Steel Shaft
- IP67 Rated; Superior Durability
- Ideal for High-Shock Environments

## Capabilities

Provides analog current or analog voltage output over single or multiple (1 to 1,000) turns.

The perfect choice for extreme operating conditions with continuous mechanical shock & vibration, and exposure to air or liquid-borne contaminants - where failure is not an option.

Visit [www.amci.com](http://www.amci.com) to learn about these capabilities, and more.

\*Specifications on back



## Product Specifications

### DC425 Mechanical Specifications:

**Shaft Style:** 5/8" diameter 303 stainless steel

**Housing:** Aluminum

**Shaft Loading:** (Foot/Front Mount versions)  
100 lbs. radial/50 lbs. axial maximum shaft loading.

**Package Style:** 4.25" diameter housing available with face, foot, or motor mounting

Bearing life rated at  $2 \times 10^9$  revolutions minimum at maximum shaft load.

**Moment of Inertia:** (Foot/Front Mount versions)  
 $20.00 \times 10^{-4}$  oz-in-sec<sup>2</sup>

### DC425 Electrical Specifications:

**Output Type:** Current Output -or- Voltage Output

**Available Number of Turns for Full Scale Output:**  
(not field selectable)

**Power Requirements:**

18 to 30Vdc | 3.75W maximum

1, 2, 4, 5, 10, 20, 25, 40, 50, 100, 200, 250, 500, 1,000

### DC425 Environmental Specifications:

**Enclosure:** IP67 Rated (valid only with working shaft seal & properly installed plastic hole plugs)

**Shock:** 50G's for 11mSec

**Vibration:** 15 G's to 2,000 Hz

### DC425 Applications:

Steel



Waste Water



Gantry



Draw Bridge



## AMCI Corporate Headquarters

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