

# Dynalco Solutions

Delivering speed measurement and control instrumentation designed to perform in the most demanding environments



# Dynalco Instruments and Controls

Dynalco was started in 1968, with three products and a goal of producing engineered solutions for the oil and gas industries. In the 55 years since, Dynalco has become a worldwide industry leader, recognized for its high-quality instruments and controls used in the chemical, marine, mining, oil & gas and power industries.

With a legacy of innovation and quality, Barksdale's Dynalco solutions ensure precise speed monitoring to keep critical operations running smoothly and efficiently, minimizing downtime and maximizing productivity. Dynalco's robust instrumentation provides the reliable speed data necessary to maintain optimal performance and safety in demanding environments.

## Magnetic Pickups

Dynalco pickups set the standard for ruggedness and reliability in the toughest industrial environments. Backed by an industry-leading warranty, Dynalco speed sensors are unmatched in durability and performance. Available in various sizes and output levels, they excel in applications like speed sensing, counting, timing, synchronization, and proximity detection.

- ▶ Passive - Intrinsically safe
- ▶ Powered - Higher output current
- ▶ Active - DC power required, low speed applications, hall-effect
- ▶ Explosion Proof - CSA Class 1, Div. 1; CSA Class 1, Div. 2; ATEX approvals.



M319 Passive Magnetic Pickup  
Hazardous Area



M919 Hall-Effect  
Magnetic Pickup

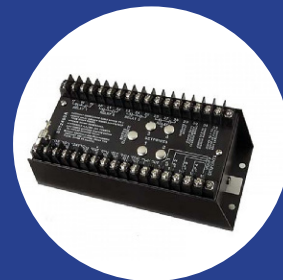


M204-6 High Sensitivity  
Magnetic Pickup

## Speed Switches & Transmitters

Dynalco speed switches and transmitters are available in a variety of configurations to meet diverse application requirements. Proven over time, these rugged and dependable products are equipped with multiple agency approvals, making them ideal for under-speed and over-speed controls in engines, turbines, compressors, generator sets, turbochargers, and pumps.

- ▶ Field Programmable
- ▶ Sealed, gasketed case
- ▶ Multiple output relays
- ▶ Multiple setpoint options



SST 2000 Speed  
Transmitter/Switch



SST- 7000 Digital Speed  
Switch & Transmitter



## Round Instruments

Barksdale's Dynalco round instruments are engineered for precise speed measurement in multiple environments. With clear, easy-to-read displays and rugged construction, these instruments ensure reliable performance even in harsh conditions. Designed for compatibility with a variety of speed sensors, they deliver accurate, real-time data to optimize machinery operation and enhance safety in critical processes.



## Monitors

Dynalco monitors deliver reliable and cost-effective solutions for industrial applications, providing accurate monitoring of parameters such as temperature, pressure, and engine speed. With rugged designs, user-friendly features, and certifications for hazardous locations, they ensure seamless data capture and compliance with strict operational standards.

- ▶ CSA - Class I Div I Approval
- ▶ Intrinsically Safe
- ▶ Powered by 4-20mA current loop



UM-600 6- Channel  
Universal Monitor



UM-200 2- Channel  
Universal Monitor

## Tachometers

Dynalco tachometers provide accurate speed measurement, hour tracking, and programmable trip functions for various industrial applications, with user-friendly interfaces and rugged designs for both indoor and outdoor use. Certified for hazardous locations and built to meet strict safety standards, they ensure reliable performance in demanding environments.

- ▶ Intrinsically safe
- ▶ DC powered
- ▶ Pickup powered
- ▶ Direction sensing
- ▶ Peak speed logging



MTH103E Tachometer/Hourmeter/Trip



SPD-100 Digital Tachometer

# Leverage our Engineering Expertise to Make Exactly What You Need

## Modify Standard Products for Your Project

Barksdale offers more than 50 product families and millions of configured options to measure, monitor and control processes essential to the industrial, oil and gas, and transportation industries. We can make basic modifications to these standard products and options to ensure they're exactly matched to your project's requirements. Our customization capabilities include:

- Communication protocols
- Custom outputs
- Electrical connection
- Level or temperature probe length and output
- Port size and location
- Extended pressure, temperature or flow ranges
- Process connection
- Product certification
- Factory setpoints for temperatures and pressures
- Design and validation for specific media compatibility
- Wetted material (fitting, diaphragm, O-ring)
- Wire cable, color and length

### Build your Solution!

Save time finding the right solution for your control and monitoring application with Barksdale's robust and easy to use 3D product configurator.

Barksdale's modular product design allows for easy customization to your specifications, reducing costs and offering more options to meet your application needs.

Configure your solution online at [barksdale.com/configurator](http://barksdale.com/configurator).



Visit [Barksdale.com](http://Barksdale.com) to view our complete product portfolio.

**Barksdale®**  
CONTROL PRODUCTS  
CRANE Barksdale, Inc./Barksdale GmbH  
A Subsidiary of Crane Co.

**DYNALCO**

#### **Barksdale Inc. - LA**

3211 Fruitland Avenue  
Los Angeles, CA 90058  
[barksdale.com](http://barksdale.com)

#### **Barksdale GmbH - Germany**

Dorn-Assenheimer-Straße 27.  
61203 Reichelsheim, Germany.  
[barksdale.de](http://barksdale.de)

#### **Barksdale Inc. - China**

信德迈科技（北京）有限公司  
北京市朝阳区望京SOHO塔一C  
座2115室, [sales@cnmec.biz](mailto:sales@cnmec.biz)