

ENCODERS

COUNTERS

TIMERS

INDICATORS



CONTROLS FOR YOUR WORLD



CONTROLLERS

RECORDERS

RESOLVERS

SWITCHES

Worldwide Brands:

Anderson™

Dynapar™

Eagle Signal™

Harowe™

Hengstler™

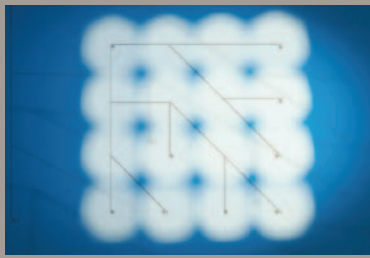
Negele™

NorthStar™

Partlow™

Veeder-Root™

West™



Controls For Your World From Danaher Industrial Controls

Danaher's Industrial Controls Group produces monitoring, sensing and control products within the process, factory and environmental controls segment and was formed through the merger of ten premier brands, each widely respected within their distinct product categories. Now integrated into the Danaher Business System, these products are available fast, locally supported, and expertly designed. It's what you need to control the performance and reliability of your designs...controls for your world.

Anderson, Negele *Leaders in sanitary/hygienic process instrumentation*

Dynapar *Respected leader in motion feedback controls*

Eagle Signal *Premier name in timers*

Harowe *Trusted brand for durable resolvers*

Hengstler *Recognized for rugged and reliable controls*

NorthStar *Specialists in heavy-duty encoders*

Partlow *Popular brand for controllers and temperature recorders*

Veeder-Root *Best-known name in counters*

West *Set the standard in temperature controls*



Danaher, a Fortune 500 company with offices in 30 countries around the world, is a world leader in many markets, including industrial feedback controls.

World-Class Engineering Design

Danaher Industrial Controls is likely to already be part of your world. Our total capability in factory automation brings you more than 230 combined years of design experience in partnership with more than 25,000 customers. Our experience enables us to continually refine products for performance, low cost operation, and trouble-free commissioning.

Local Availability Around the Globe

With more than a dozen factories around the world, international sales and applications support, and an expansive network of value added resellers, we are close to our customers – continually decreasing lead times while improving responsiveness.

Fast Delivery on All Model Variations

Danaher Industrial Controls is able to immediately produce thousands of product variations to support urgent customer requirements – the exact component you need, exactly when you need it.

- Same-day shipments available
- 3-day standard lead time on most products
- 24x7 online order capability on select products

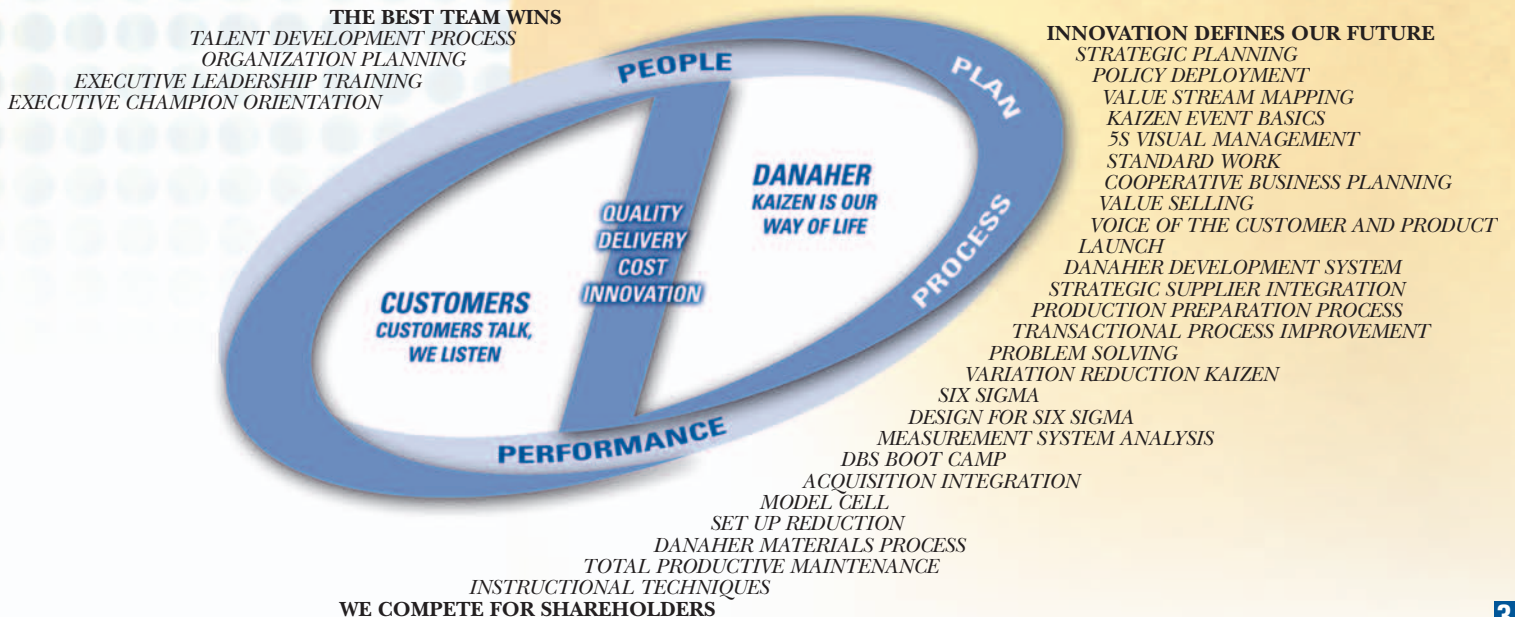


The Danaher Business System

In the mid-80s, a Danaher division faced with intensifying competition, launched an improvement effort based on the then-new principles of lean manufacturing. The initiative succeeded beyond expectations – reinforcing the division’s industry leadership as well as spawning the Danaher Business System (DBS). Since this modest beginning, DBS has evolved from a collection of manufacturing improvement tools into a philosophy, a set of values, and ultimately a management philosophy and system. DBS defines who we are and how we do what we do.

The DBS engine drives the company through a never-ending cycle of improvement: exceptional people develop outstanding plans and use world-class tools to construct sustainable processes, resulting in superior performance. Guiding all efforts is a simple philosophy rooted in four customer-service priorities: *Quality, Delivery, Cost, and Innovation.*

By constantly improving our business processes and continually innovating our product, we provide you with maximum product value, reliable quality and fast, dependable delivery.



Light Duty and Industrial Encoders

Types: Absolute, Incremental, Hollowshaft, Hub Shaft, Motor Mount, Linear

DYNAPAR™ brand

HENGSTLER™ brand

NORTHSTAR™ brand

Within our industrial controls product range from Dynapar, Hengstler, and NorthStar, we offer more than 45 types of encoders to provide speed, linear movement and position measurement in diverse applications, from office copiers to assembly lines. Depending on the specific model, Danaher encoders lead the industry in best-in-class performance:

- Up to 10,000 PPR and 22-bit resolution.
- Durable despite shock, vibration, and heat up to 120°C.
- Customizable to specific needs.
- Broad range of sizes, from ultra miniature to industrial.
- ASIC technology for smaller, more reliable performance.

Application/Industries:

*Medical
Packaging
Machine Tool
Elevators
Office Equipment
Printing
Semiconductor
Robotics
Plant Automation*



Heavy Duty Encoders and Pulse Tachs

Types: Large Motor, Stainless Steel, Explosion Proof, Hi-Temp, Washdown/Chemical Resistant, Shock Resistant

NORTHSTAR™ brand

NorthStar heavy duty encoders, mill duty encoders and digital pulse tachs provide high performance velocity and position feedback in extreme environments and on large motors, incorporating such rugged features as:

- Magneto-resistive technology not affected by dirt, dust, or dampness.
- Easy-to-install hollowshaft design – in sizes up to nearly twice as big as our main competitor.

- Dual sensors provide redundant signal in case of sensor failure.
- Highest resolution – up to 2048 PPR.

Application/Industries:

*Steel
Paper
Lumber
Textiles
Flooring
Cranes*



Types: Housed, Heavy Duty Housed, Industrial, Frameless

HAROWE™ brand

Harowe resolvers are the first choice for feedback in adverse operating conditions involving extreme temperature, high shock and vibration, and dirty environments. Rugged, noise-resistant, and brushless, these resolvers are trusted for non-stop performance in tough conditions.

- Toothwound models cut electrical error 50 percent.
- Brushless models eliminate brushes that can limit life.
- Temperature ratings up to 220°C.
- Outstanding mechanical shock and vibration specs.
- Shielded, spaced-support bearings provide up to 10x the life of duplex bearings.

Application/Industries:

- Robotics*
- Machine Tool*
- Woodworking*
- Metalworking*
- Plant Automation*



Types: Electric, Electronic, Mechanical

DYNAPAR™ brand

EAGLE SIGNAL™ brand

HENGSTLER™ brand

VEEDER-ROOT™ brand

No company offers a broader selection of counters, timers, and indicators. Our Veeder-Root product, the best-known name in counting, offers rugged and economical mechanical and electric totalizing counters. Veeder-Root also offers a complete line of proximity switches, sensors and motion detectors.

Our Eagle Signal brand, the premier name in timing, provides indicating and control products that reflect more than 70 years of electromechanical and electronic design experience. Ranging from popular electromechanical to powerful microprocessor-based control timers, we offer a full range of panel mount, reset and repeat cycle timers, as well as time-delay and general-purpose relays.

Well known in Europe, the Hengstler product range includes programmable and industrial controllers. Compact Hengstler controllers are trusted for ease of operation, the latest in technology, value and short lead times.

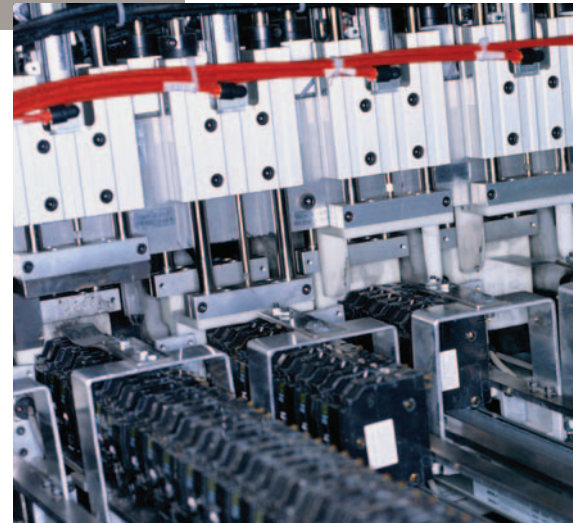
Dynapar, a respected leader in motion control, is well known for a versatile line of multifunction rate, indicators and temperature controllers.

Application/Industries:

Item Counting

Batch Control

Machine Run/Cycle Time



Mechanical/Electric Counters and Indicators

- Solid state or mechanical models.
- Programmable setpoint controls and alarms.
- Compact units with large displays.
- Durable for demanding industrial applications.
- Preset, predetermining, totalizing and batch count.

Electronic and Electric Timers

- Maximum field programmability.
- High accuracy, economical operation.
- Delay interval, timed pulse, and repeat cycle count capability.
- Patented plug-in housing.

Controller Types: Analog, PID, ON/OFF, Profiling

Recorder Types: Circular Chart, Analog, Flow, Controller/Profiler

PARTLOW™ brand

WEST™ brand

Partlow and West brand temperature controls, display, and recording products provide quality validation, process/trend analysis tracking, and product safety compliance. West offers a broad line of versatile and affordable controllers. Partlow controllers and temperature recorders are equipped with diverse state-of-the-art feature capabilities.

- RaPID™ fuzzy logic technology shortens start-up times and reduces overshoot.
- Features usually found only in larger, more expensive products.
- Modular I/O options allow for field upgrades by adding or replacing boards.
- Color changing displays.
- Multiple protocols to simplify interface to industrial networks.
 - DeviceNet™
 - Ethernet
 - Profibus
 - ModBus®

Application/Industries:

Ovens
Plastic Molding
Packaging
Food Processing



Panel-mount displays with built-in indicators and alarm temperature measurement capability.

Precise-adjustment controllers for maintenance of critical preset limits.

Temperature recorders capable of producing a charted history of process and temperature conditions.

Worldwide Brands:

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Harowe™

Hengstler™

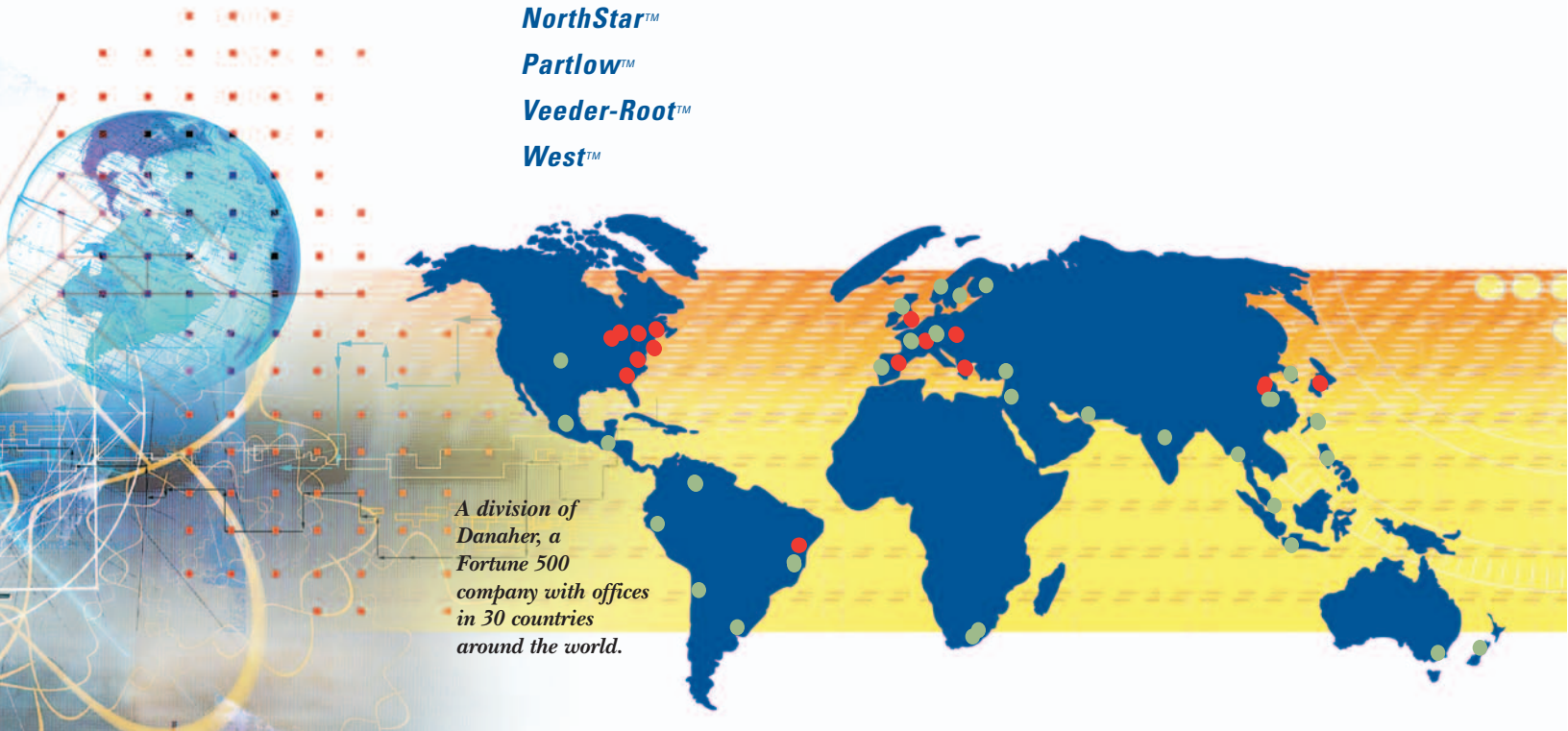
Negele™

NorthStar™

Partlow™

Veeder-Root™

West™



*A division of
Danaher, a
Fortune 500
company with offices
in 30 countries
around the world.*

*Danaher Corporation designs, manufactures and markets innovative products and services with strong brand names, proprietary technologies, and major market positions that improve the way we live and work and help to **control your world**. The company's core strategic platforms include: electronic test/measurement equipment, process/factory/environmental controls, mechanical hand tools and other niche-focused businesses including motion, power quality, safety, and aviation that, today, have made Danaher a strong company with over 29,000 employees worldwide. For information on Danaher's many brands, visit www.danaher.com.*

A key element of the Danaher Business Strategy is constantly perfecting our manufacturing in a way that meets six sigma quality standards. Many of our plants are ISO 9001 certified, and products are available that carry the approval of globally recognized certifications ranging from UL, CE, and CSA to VDE, TUV, and PTB. Of course, the true test of quality is conducted every day, by thousands of satisfied customers.

For additional information or a full-line catalog, contact your DICG representative at +1 800.873.8731 or visit our web site at www.dancon.com.

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