

Process Automation

Worldwide Brands:

- PMA™**
- Partlow™**
- West™**
- LFE™**
- Rustrak™**

Danaher Industrial Controls Group was formed through the merger of many premier brands, each widely respected within their product categories. Now integrated into the Danaher Business System, these brands provide what you need to control the performance and reliability of your designs...controls for your world.

The Danaher Business System



People

Process



Plan



Performance

In the mid-1980s, 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 – spawning the Danaher Business System (DBS). Since this modest beginning, DBS has evolved from a collection of manufacturing improvement tools into a philosophy, set of values, and series of management processes that collectively define who we are.

Fueled by Danaher's core values, the DBS engine drives the company through a never-ending cycle of change and improvement: exceptional people develop outstanding plans and execute them using world-class tools to construct sustainable processes, resulting in superior performance. Superior performance and high expectations attract additional exceptional people, who continue the cycle.

DICG IS JUST ONE DIVISION OF A GLOBAL GROWING COMPANY

Danaher at a Glance



Operating Segments

- Tools & Components
- Professional Instrumentation
- Industrial Technology

Every day Danaher products help to make life healthier, safer and more enjoyable for people around the world. Whether you're drinking a glass of water, working out at the gym, fixing your child's bike, getting a dental check-up, mailing a package or communicating over a network – chances are we've helped you do it. Some of our products carry high-profile brand names, while others are hidden inside complex systems. Either way, they're vital contributors to some of the most exciting sectors of global industry in today's economy.

***How to Reach Us**

Industrial Sensors & Controls Group Companies of Danaher

Industrial controls and sensing products track, sense, monitor and control production quality, manufacturing and related process and environmental applications to ensure optimum product quality and machine performance.

[NEW Group Website.....www.DanaherIndustrialControls.com](http://www.DanaherIndustrialControls.com)

Factory Automation & Feedback Controls

- Clark Controls.....www.joslynclark.com
+1 803.286.8491
- Dolan-Jenner.....www.dolan-jenner.com
+1 800.83.FIBER
- Dynapar.....www.feedbackdevices.com
+1 800.873.8731
- Eagle Signal (Timers).....www.dancon.com
+1 800.873.8731
- Harowe.....www.feedbackdevices.com
+1 800.873.8731
- Hengstler GmbH.....www.hengstler.de
+1 847.873.8731
- NorthStar.....www.feedbackdevices.com
+1 800.873.8731
- Veeder-Root (Counters).....www.dancon.com
+1 800.873.8731

Process Automation & Measurement Controls

- Gems Sensors.....www.gemssensors.com
+1 800.378.1600
- Kistler-Morse.....www.kistlermorse.com
+1 800.426.9010
- Partlow.....www.partlow.com
+1 800.390.6405
- PMA.....www.pma-online.de
+1 800.390.6405
- Setra Systems.....www.setra.com
+1 800.257.3872
- West Instruments.....www.westinstruments.com
+1 800.390.6405

Process Automation Temperature Controllers & Recorders... Made Simple



PMA™ brand
Electronic Process & Multifunction Controllers



PARTLOW™ brand
Digital & Mechanical Temperature / Process Controllers & Circle Chart Recorders



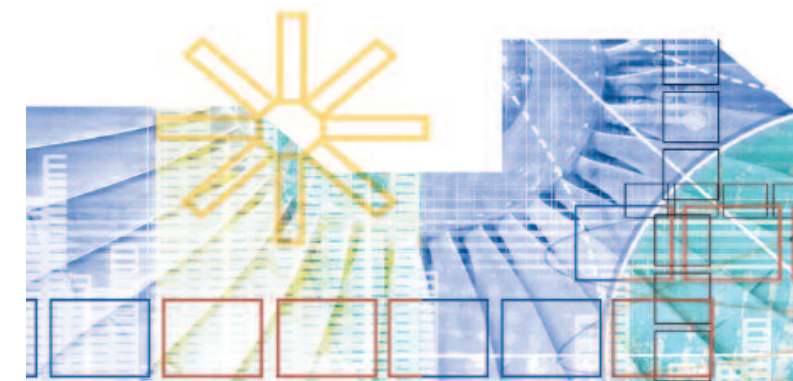
WEST™ brand
Digital Temperature & Process Controllers



LFE™ brand
Electronic Process Controllers



RUSTRAK™ brand
Strip Chart Recorders



For additional information or a full-line catalog, contact Danaher Industrial Controls at +1 800.873.8731 or visit our Websites www.partlow.com www.westinstruments.com

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Europe: United Kingdom, Italy, France, Germany, Spain, Slovakia

Latin America: Brazil

Asia: China, Japan, Korea, Singapore

+1 800.390.6405

www.danaherindustrialcontrols.com

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SOLVE YOUR CONTROL CHALLENGES WITH THE MOST TRUSTED BRANDS IN PROCESS AUTOMATION

The best machine designs incorporate process and environmental controls from the leading brands of Danaher Industrial Controls... including **PMA™**, **Partlow™**, **West™**, **Rustrak™** and **LFE™**, process and temperature control products.

Why? Because you get effective solutions built upon:

Broadest Line of Process Controls in the Industry

When you choose from the broadest line in the industry – with products ranging from basic to sophisticated – you pay only for the features that you need. Choose from all popular sizes and types of process controls, including basic, mid-level, and high-end controllers and basic and profiling circle chart recorders. With hundreds of product variations in our catalog, we are the single-source supplier for any application and budget.

Fast Delivery & Exceptional Local Support from Around the Globe

We build to order using efficient “Just in Time” manufacturing. Standard lead times are three days for most models with 24-hour RUSH delivery available to meet special deadlines. What’s more, with manufacturing offices on four continents and an expansive network of Authorized Resellers in over 30 countries – fast, friendly and knowledgeable local support and availability are always nearby to assist you from anywhere around the globe. Call **+1 800.390.6405**.

Flexibility, Customization & Troubleshooting Assistance

A willingness to “customer-ize” our products is one of the many factors that differentiate us from the competition. In fact, many of our popular product features began as special customer requests. Because custom products are an exact fit for your design, they reduce installation cost and optimize machine performance. For prompt application or trouble-shooting assistance, call **+1 800.866.6659**.



Quality, Reliability & Value

PMA™, **Partlow™**, **West™**, **Rustrak™** and **LFE™** are trusted brands with a combined 230-year history of quality and reliability that you can count on for your critical machine designs. With an installed base of thousands of controllers and a competitive 2-year warranty, our brands are the most respected in the industry.

Monitor & Control Almost Anything...

Industries

- Packaging/Sealing (*wrapping*)
- Plastics Forming (*injection molding*)
- Glass Manufacturing (*melting/annealing*)
- Oven/Heat Treat (*coating/anodizing*)
- Food Processing
- Kilns
- Healthcare (*refrigeration/blood bank*)
- Utilities (*water treatment*)
- And much more...

Environmental Control Applications

- Temperature
- Humidity
- Pressure

Process Control Applications

- Liquid Level
- Flow
- pH

with DICG Process Automation Temperature & Environmental Controls

DICG Process Automation Full Line... at a Glance	PMA™	Partlow™ and West™						LFE™	Partlow™	Partlow™				Rustrak™
	Industrial-Duty Multifunction Controllers	Industrial-Duty Temperature and Process Controllers						Industrial-Duty Process Controllers	Industrial-Duty Gas Controls	Industrial-Duty Circle Chart Recorders				Industrial-Duty Strip Chart Recorders
	ELECTRONIC	MECHANICAL*	ANALOG	ELECTRONIC				ELECTRONIC	MECHANICAL*	MECHANICAL*	ANALOG	ELECTRONIC		ELECTRO-MECHANICAL
				General-Purpose/Limit	General-Purpose/VMD	High-End Profile	High-End PID					DIGITAL	DIGITAL	
Types	High-End Electronic PID	Basic Control Limit Devices	Basic On/Off Control, Limit Devices	General-Purpose/Limit	General-Purpose/VMD	High-End Profile	High-End PID	Basic Electronic	Basic Self Operating Throttling Gas Valves	Basic Record Only Control Cam Profile	Basic Record Only Control	General-Purpose Digital	High-End Digital Profile	Basic Analog
Sizes	1/4, 1/8 DIN	Varies	1/4 DIN	1/4, 1/8 and 1/16 DIN	1/4, 1/8 and 1/16 DIN	1/4, 1/8 and 1/16 DIN	1/4, 1/8 and 1/16 DIN	1/4 DIN	1/2, 1, 1-1/4, 2 and 3" Pipe Sizes	10" Chart Only	10" Chart Only	10"-12" Chart, Display Options	10"-12" Chart, Display Options	2-5/16" Wide Strip
Mounting Base Front to Panel (FTP); Behind the Panel (BTP)	FTP and BTP	FTP or Surface	FTP Only	FTP Only	FTP Only	FTP Only	BTP and FTP	FTP		FTP or Surface	FTP or Surface	FTP or Surface	FTP or Surface	FTP or Surface
Features/Functionality	High	Moderate	Basic	Moderate	Moderate	Moderate-High	Moderate-High	Moderate-High	Basic	Moderate	Moderate	Moderate-High (model dependent)	Moderate-High (model dependent)	Moderate
Programmable	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No
Ease of Use	Moderate-Complex	Very Simple	Very Simple	Very Simple	Very Simple	Moderate-Complex	Moderate-Complex	Moderate-Complex	Very Simple	Very Simple	Simple	Very Simple to Complex	Moderate-Complex	Very Simple
Tuning Options	Moderate-Complex	Very Minimal	N/A	Moderate	Moderate	Multiple	Multiple	Moderate	Very Minimal	Very Minimal	Minimal	Very Simple to Complex (model dependent)	Very Simple to Complex (model dependent)	N/A
Delivery	2-4 Weeks	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days	2-4 Weeks

*See website for detailed product information or call +1 800.626.8324 for customer service assistance with Partlow mechanical products.

Process Automation & Temperature Control

The ability to sense and track an established series of steps or operations in a manufacturing process such as temperature, flow and pressure with accuracy and predictability is made possible with DICG process automation and sensing controls, including controllers, recorders, meters and diverse specialty sensors/switches and controls, designed to validate critical process variables toward a desired result, outcome or product.

Entrust Your Process Control Challenges to Us



Temperature

Humidity



Pressure



Flow

pH

