

## PREMIER PARTNERS



## PARTNERS INDEX

### A

Aaeon  
Accu Tech  
Advanced Illumination  
Advanced Motion Controls  
Advantech  
Allison Park Group (APG)  
AMO / Heidenhain  
Animatics / MOOG  
Applied Motion Products

### B

Beijer Electronics  
Bison

### C

Carlo Gavazzi  
CCS  
CKD  
Contemporary Controls  
Crevis

### D

Danfoss

### E

EE Controls  
Exlar/Curtiss Wright  
EXM

### F

Fibox  
Finder

### G

Galil  
GAM  
Genesis Automation  
Grace Engineered Products  
Grove Gear

### H

Hitachi  
Hiwin  
HMS Anybus / eWON  
HPS (Hammond Power Solutions)

### I

Icotek  
IDEM  
Indusoft

### J

Jokab / ABB

### K

Kabelschlepp / Tsubaki  
KB Electronics  
Kollmorgen  
KTR

### L

Leeson Electric  
Lincoln Electric / Cleveland  
Motion Control (CMC)  
Lin Engineering  
Lintech  
Lovato  
LS Electric

### M

Maple Systems  
Matrox Imaging  
Mean Well  
Mencom / ILME  
Mersen / Ferraz Shawmut  
Metaphase Technologies  
Midwest Optical  
Mitsubishi Electric  
Murrelektronik

### N

Nachi Robotics  
Navitar / Fujinon  
Nippon Pulse Motor Co.  
Noark  
Noren

### O

Opto-Engineering

### P

Panasonic Industrial Automation  
Pepperl + Fuchs (P+F)  
PMI  
Proface

### R

Red Lion (Sixnet, N-tron)  
Renu Electronics  
Rimtec  
RINGFEDER / Gerwah

### S

Saginaw Control and Engineering  
Schmersal  
SensoPart  
Signaworks  
SICK  
Siko  
SMAC  
Smart Vision Lights  
Socomec  
Spectrum Illumination  
SPG  
Stober  
SwivelLink

### T

Techman  
TechTop  
Thermal Edge  
Thomson / Micron  
Toolmex / Elektrim  
Toyo

### U

Unitronics  
USAutomation

### W

WAGO  
Wittenstein / Alpha

### Z

Zimmer

Submit RFQs to: [rfq@tri-phase.com](mailto:rfq@tri-phase.com)

Submit orders to: [orders@tri-phase.com](mailto:orders@tri-phase.com)

Questions regarding your order: [customercare@tri-phase.com](mailto:customercare@tri-phase.com)

1251 East Wisconsin Ave, Pewaukee, WI 53072  
1500 N Casaloma Drive Suite 413, Appleton, WI 54913

**AUTOMATION :: MOTION CONTROL :: SAFETY  
VISION :: INDUSTRIAL CONTROL SPECIALISTS**



# AUTOMATION COMPONENTS

## LINEAR & ROTARY POSITIONING SYSTEMS

- Ballscrew/Leadscrew/ACME
- Rod and Rodless Style
- Belt Drive
- Linear Motor
- Manual Actuators
- Pneumatic
- Roller Screw Actuators
- Rotary & Linear Stages
- Telescoping /Lifting Columns
- Voicecoil

### SUPPLIERS

- Accu Tech
- CKD
- Exlar/Curtiss Wright
- Hiwin
- Lin Engineering
- Lintech
- Moog Animatics
- PMI
- SMAC
- Thomson
- Toyo
- US Automation
- Wittenstein / Alpha

## CONNECTIVITY & CABLING

- Active Distribution Blocks
- Cable Track
- Passive Distrib. Blocks
- Power Connectors
- Sensor Cables
- Signal Connectors
- Valve Cables

### SUPPLIERS

- Kabelschlepp
- Mencom / ILME
- Murrelektronik
- Pepperl+Fuchs
- SICK
- WAGO

## ENCLOSURES & PANEL COMPONENTS

- A/C Units and Heat Exchangers
- Cable Entry solutions
- Circuit Breakers
- Connectors
- Contactors/Overloads
- Custom Panel Builds
- Din Rail Wireway/Duct
- Disconnects
- Fiberglass Enclosures
- Heaters
- Manual Motor Starters
- Panel Interface Components
- Pilot Devices
- Polycarbonate Enclosures
- Power Supplies
- Replays
- Stainless Enclosures
- Steel Enclosures
- Terminal Blocks

### SUPPLIERS

- Allison Park Group (APG)
- Carlo Gavazzi
- Contemporary Controls
- EE Controls
- EXM / Eurobex
- Fibox
- Finder
- Genesis Automation
- Grace Engineered Products
- HPS (Hammond Power Solutions)
- Icotek
- Lovato
- LS Electric
- Mean Well
- Mencom / ILME
- Mersen / Ferraz Shawmut
- Murrelektronik
- Noark
- Noren
- Red Lion/Sixnet/N-Tron
- Saginaw Control & Engineering
- Signaworks
- Socomec
- Thermal Edge

## GEAR REDUCERS, COUPLINGS, & MECHANICAL PRODUCTS

- Bellows, Spider, and Clamping
- Braking Elements
- Mounting Brackets
- Planetary, Spur, and Helical Gearing
- Rack & Pinion
- Roller Screw
- Round/Square Rail Bearings

### SUPPLIERS

- Exlar/Curtiss Wright
- GAM
- Gerwah
- Grove Gear
- Hiwin
- KTR
- Lintech
- PMI
- Rimtec
- RINGFEDER / Gerwah
- SPG
- Stober
- Swivelink
- Thomson
- Wittenstein / Alpha
- Zimmer

## INDUSTRIAL NETWORKING

- Cloud Connectivity
- Edge Devices
- Ethernet Switches
- Industrial Protocol Products
- Protocol Converting
- Remote Access/Monitoring

### SUPPLIERS

- Advantech
- Contemporary Controls
- HMS / eWon
- Murrelektronik
- Red Lion/Sixnet/N-Tron
- WAGO

## INDUSTRIAL PC & OPERATOR INTERFACES

- Data Acquisition Systems
- Discrete I/O
- Distributed I/O
- HMI
- HMI Software
- Industrial Monitor
- Panel PC
- Signal Conditioners

### SUPPLIERS

- Aaeon
- Advantech
- Beijer
- Indusoft
- Maple Systems
- Mitsubishi Electric
- Panasonic
- Pepperl+Fuchs
- Proface
- Red Lion/Sixnet/N-Tron
- Renu Electronics
- Unitronics
- WAGO

## MACHINE CONTROL

- Distributed Control
- PC Based
- Programmable Logic Controllers (PLC)
- Remote I/O

### SUPPLIERS

- Advantech
- Beijer
- Crevis
- Galil
- Indusoft
- Kollmorgen
- LS Electric
- Mitsubishi Electric
- Murrelektronik
- Panasonic
- Pro-face
- Red Lion/Sixnet/N-Tron
- Renu Electronics
- Unitronics
- WAGO

## MOTION CONTROL

- AC/DC Drives & Motors
- Direct Drive Motors
- Frameless
- Gear Motors
- Intergrated Drive & Motors
- Linear Motor
- Motion Controllers
- Servo
- Single/Multi- Axis
- Stepper

### SUPPLIERS

- Advanced Motion Controls
- Applied Motion Products
- Bison
- Carlo Gavazzi
- Danfoss
- Exlar/Curtiss Wright
- Galil
- Hitachi
- KB Electronics
- Kollmorgen
- KTR
- Leeson Electric
- Lin Engineering
- Lincoln Electric / CMC
- LS Electric
- Mitsubishi Electric
- MOOG Animatics
- Nippon Pulse Motor Co.
- Panasonic
- SMAC
- SPG Motor
- Stober
- TechTop
- Thomson
- Toolmex / Elektrim
- Unitronics
- US Automation
- Wittenstein / Alpha

## PNEUMATICS

- Actuators
- Cylinders
- Dryers
- Filters - Regulators - Lubricators - FRLs
- Fittings
- Grippers
- Slides
- Vacuum Systems
- Valves

### SUPPLIERS

- CKD
- Zimmer

## ROBOTICS & ACCESORIES

- 6-Axis
- Clean Room
- Collaborative
- Food Grade
- Gantry
- Gripper
- Invert/ceiling mount
- Mobile Carts
- Multi-Axis Cartesian/ Gantry
- SCARA
- Shelf mount
- Table Top
- Wall mount

### SUPPLIERS

- CKD
- Hiwin
- Mitsubishi Electric
- Nachi
- Techman
- Toyo
- Zimmer

## SAFETY & MACHINE SAFE GUARDING

- Area Scanners
- Light Curtains
- Bumper Switchers
- Failsafe Monitoring
- Interlocks
- Limit Switches
- Laser Area Scanners
- Perimeter Guards
- Safety Controllers/PLCs
- Safety Interlock Switches
- Safety Light Curtains
- Safety Mats
- Safety Networks

### SUPPLIERS

- ABB / Jokab
- IDEM
- Pepper+Fuchs
- Schmersal
- SICK
- Swivelink

## SENSORS & SWITCHES

- Capacitive
- Color
- Contrast
- Distance Measurement
- Encoders
- Fork & Frame Sensors
- Inductive
- Laser
- Level
- Light Screens
- Photoelectric
- Proximity
- RFID Systems
- Ultrasonic
- Vision Sensors

### SUPPLIERS

- AMO / Heidenhain
- Carlo Gavazzi
- Panasonic
- Pepperl+Fuchs
- Red Lion/Sixnet/N-Tron
- Schmersal
- SICK
- Siko

## MACHINE VISION, ID & MARKING SYSTEMS

- 2D & 3D Inspection Systems
- Image Based ID Readers
- Laser Based ID Readers
- Laser Marker
- Lenses
- Lighting
- Smart Cameras

### SUPPLIERS

- Advanced Illumination
- Allison Park Group (APG)
- CCS
- Matrox Imaging
- Metaphase Technologies
- Midwest Optical
- Navitar / Fujinon
- Opto-Engineering
- Panasonic
- Pepperl+Fuchs
- SICK
- SensoPart
- Smart Vision Lights
- Spectrum Illumination
- Swivelink

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