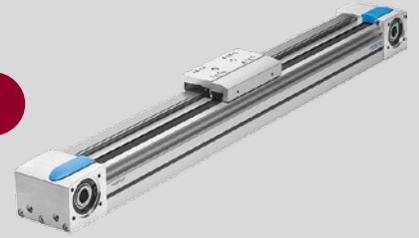


# TSL

**SOLUTIONS**



Automation



Motion  
Control



Machine  
Controls





Because Motion Matters™



### Automation, Motion and Controls

- PLC's
- I/O & Fieldbus Networks
- HMI Touch Panels
- Sensors: Proximity, Photoelectric, Laser Measurement, Ultrasonic
- Vision Systems, Vision Sensors & Smart Cameras
- Lighting: Task, Tower, LED Indicators, Touch Buttons
- Drives & Soft Starters
- Encoders
- Cordsets & Cables
- Contactors
- Push Buttons
- Relays
- Power Supplies
- Circuit Protection: Breakers, Fuse Holders
- Transformers
- Motors: Servo, Stepper, Direct Drive, Synchronous
- Terminal Blocks
- Enclosures

### Pneumatic and Vacuum

- Air Preparation – Filters, Regulators, Lubricators
- Pneumatic Actuators
- Cylinders and Guided Slides
- Cylinders, NFPA tie-rod style
- Grippers and Clamps
- Rotary Actuators
- Rodless Cylinders
- Directional Control Valves: 2-way, 3-way, 4-way
- Valve Manifolds and Terminals
- Vacuum Generators, Cups and Accessories
- Push-to-Connect Fittings & Quick Disconnects
- Plastic Tubing
- Flow Control Valves

### Mechanical Motion

- Belt and Ball Screw Actuators
- Multi-Axis Gantry Systems
- Conveyors
- Linear Bearings, Precision Rails, Ball Screws and Shafting
- T-Slotted Aluminum Extrusions
- Gear Boxes, Couplings and Drive Shafts
- Work-holding Clamps
- End-of-Arm Tooling

### Safety & Guarding

- Hard Guarding
- Fencing, Panels & Access Doors
- Wire Mesh
- Enclosures
- Safety PLC's
- Safety Controllers
- Safety Light Curtains
- Safety Interlocks

### Process Automation

- Media Valves: Angle Seat, Ball & Butterfly, Diaphragm and Pinch
- NAMUR Pilot Valves and Pilot Valve Terminals
- Valve Actuators & Positioners
- VFD's
- Hygienic AC Motors
- Process Controls and IO
- Process Cabling and Connectivity
- Sensors: Position, Flow, Pressure, Temperature
- Air Prep Units
- Instrumentation Fittings
- Process Control Cabinets

### Shock Absorption & Vibration Damping

- Shock Absorbers
- Gas Springs
- Hydraulic Dampers
- Industrial Air Springs
- Rotary Dampers



Linear Motion. Optimized.





- AC Drives
- Soft Starts
- AC Drives
- NEMA 4X Drives



**APEX DYNAMICS**

- Servo Gearheads
- Stainless Steel Gearing



- Panel Meters
- Temperature Controllers
- Wireless I/O Systems



- Line/Load Reactors
- Active/Passive Filters



- Hazardous Location Products
- Enclosures & Controls
- Lighting



- Enclosure Coolers
- Filter Fans
- Chillers



- Hazardous Location Products
- Enclosures/Fittings
- Controls/Distribution



- Wiring Ducts & Accessories
- Spiral Wrap & Sleeving



- Steel and Stainless Steel
- Custom Enclosures



- Polycarbonate Enclosures



- Relays



- Steel and SS Enclosures
- Fiberglass Enclosures