

Applications for Flexinol®

Actuator Wire: A Solid State Actuator that Moves by "Molecular Restructuring" for Better Mechanical Performance

In really tight places - Flexinol® actuator wires are smaller by far than alternatives. At least 1,000 times smaller than solenoids for the same work done.

To simplify designs - Flexinol® actuator wires can often be used "as is", eliminating gear boxes, housings, bearings, and so on. Their flexible forgiving performance is easier to work with.

In corrosive environments - Flexinol® actuator wires' high corrosion resistance really pays off.

To reduce noise levels - Flexinol® actuator wires' movement by molecular restructuring is both electrically and acoustically quiet.

At lower costs - Flexinol® actuator wires are inexpensive to buy and cost less to use in many applications. A nice combination for that bottom line.

ELECTRONICS

Micro Circuit Breakers
PC Mount Relay
Chassis Temp. Controls
Electronic Locks
PC Mount Pilot Valves
Mechanical Latches
Subminiature Door Openers
Micro Manipulators
Retrofit Switch to Relay
Micro Clutches
Spring Loaded Releases
Safety Cutoffs
PC Board Temperature Sensors
"Clean" Actuators
Remote Switch Controllers
Read/Write Head Lifters

MEDICAL

Intravenous Medicine
Controllers
Steerable Catheters
Prosthetic Limbs
Surgical Instruments
Braille CRT's
Vacuum Test Manipulators
Micro Pumps
Blood Pressure Test Valve
Exoskeletal Assistance

AUTOMOTIVE

Door Locks
Turn Signal Oscillators
Environmental Controls
Mirror Controls
Gear Changing
Triggers
Pneumatic Valve
Remote Releases
Alarm Devices
Light Fiber Gates

APPLIANCES

Moving Louvers
Safety Cutoffs
Spring Releases
Door Openers
Mechanical Volt.
Mechanical Current Regula
Electronic Locks
Cuckoo Clocks
Hair Dryer Cutoff/Sensors
Heater Cutoff/Sensors
Clutch Engagement Trigge
Motor Protectors
Box Temperature Control
Overheating Controllers
Positioners

MISCELLANEOUS

Ultralight Remote Control
Mechanical Scanners
Camera Manipulators
Magnetic Free Manipulator
Robotic Limbs
Smart Materials
Camera Shutters
Alarm Devices
Light Fiber Switches
Mechanical IC's