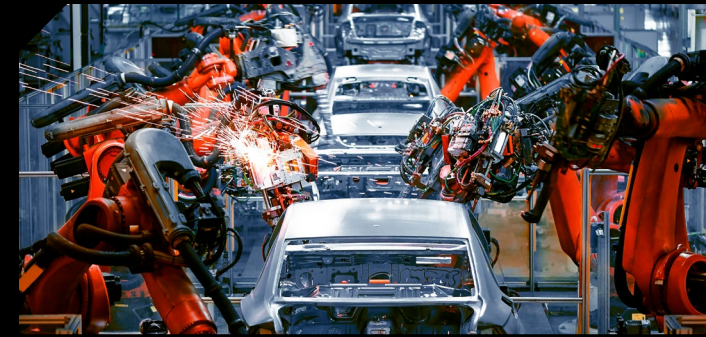




LINE CARD



WITH SALES SUPPORT ACROSS CANADA, XTRONICS BRINGS A UNIQUE PRODUCT OFFERING TO THE INDUSTRIAL, AUTOMATION, MEDICAL, TRANSPORTATION AND ELECTRIFICATION/HEV MARKETS



ABOUT US

MANUFACTURER'S REPRESENTATIVE AND EXCLUSIVE MASTER DISTRIBUTOR

Founded in 2000, we provide a technical sales force deployed across Canada. We bring a synergistic product offering to the Industrial, Automation, Medical, Transportation and Electrification markets. Our technical and talented people offer unique solutions and expertise that is unparalleled in the Canadian market. X Tronics also provides value add services and custom engineered products.

EXCLUSIVE PARTNERS

OUR EXCLUSIVE PARTNERS ARE BEST IN CLASS MANUFACTURERS PROVIDING A BROAD RANGE OF SOLUTIONS IN SENSORS, SWITCHES, POWER AND INTERCONNECT PRODUCTS.

Whether it's a pressure, speed, position, humidity, or accelerometer sensing applications, X Tronics can provide a solution that will meet your requirements. Solutions that work in severe applications ranging from Rail Mass Transit to Industrial Automation.



AUTOMATION



CONTROL SWITCHES

From miniature pilot lights and industrial switches that mount into 8mm panel cut outs through full size industrial switches that mount into 30mm cutouts, we have an industrial switch or indicator for almost any application. Terminations include solder / quick connect terminals, screw terminals, or PC board pins for direct board mounting.



OPERATOR INTERFACES

IDEC's operator interface products offer a perfect solution for your display needs. Bright LCD touch screens deliver crisp images, with powerful configuration tools that allow you to easily create a user-friendly and powerful system, enhancing your Human Machine Interaction.



VARIABLE FREQUENCY DRIVES

LS ELECTRIC offers various VFD solutions with many built in features as well as space efficient designs. Single phase and 3-Phase. Strong Power with a Compact Size, Powerful sensorless control, and a diverse range of user friendly functions delivers added value to our customers.



PROGRAMMABLE LOGIC CONTROLLERS

More Power, More Performance, More Connectivity Expanding upon the groundbreaking IDEC FC6A Micro PLC, the FC6A Plus can control large machines or entire small-scale manufacturing facilities.



ENCODERS

SCANCON Encoders A/S quickly expanded it's expertise in designing EX-Proof encoders to include offering a full range of encoders. Over the years, the company has continued to design and manufacture innovative encoder and encoder-related products. The company has now expanded it's sales throughout Europe, China, parts of Asia, South Africa and also penetrated the North & South American market.



ELECTRONIC CIRCUIT PROTECTION

PISA-B is the most efficient electronic circuit breaker (ECB). It distributes the current, protects your loads from over-current or short-circuits and monitors the operating status in DC 24 V systems. The 8-channel programmable capability can identify and isolate individual faulty branches.



IEC CONTACTORS

IEDEC IEC contactors and starters are designed for switching motor loads, but can be used in many other applications. Like all IDEC products, each model is engineered for long life, minimum maintenance, dependable operation and superior performance.



POWER SUPPLIES

PULS designs and manufactures efficient and compact DIN rail power supplies, for industrial 1-phase and 3-phase systems as well as DC/DC converters.



SAFETY COMPONENTS

Interlock switches provide another layer of safety in industrial production environments, helping protect operators and equipment from the hazards of unexpected machine motion. IDEC offers a complete lineup of safety interlock switches to keep your personnel and production assets safe from harm.



INTERFACE RELAYS

IDEC is an established and well-known industrial relay manufacturer. For many decades IDEC has supplied the widest selection of relays in the market. Designed with attention to every detail, IDEC relays are manufactured to ensure precision and quality. Either din-rail, panel or PCB mounted, we have the relays that work for your applications.



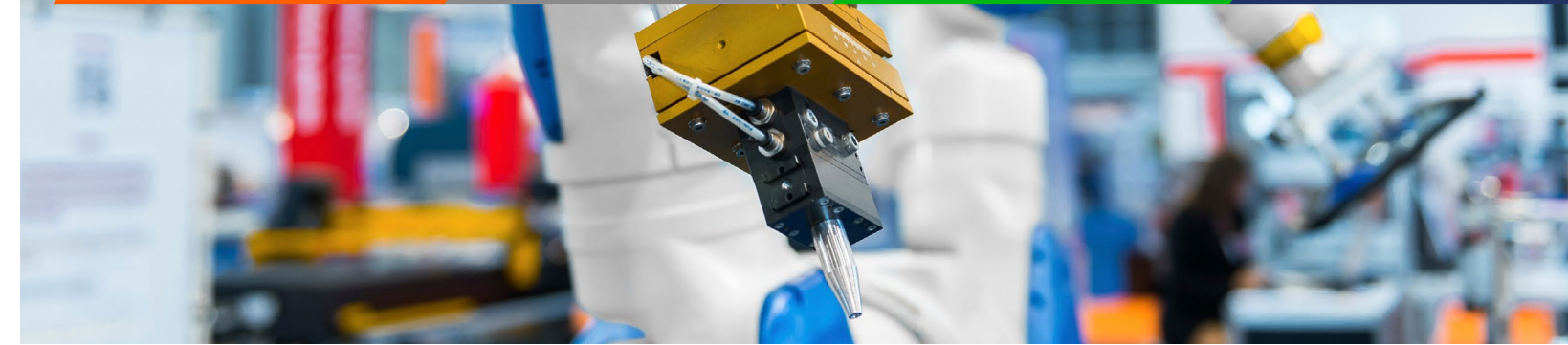
AUTO ID/RFID

Code scanners are used to read and analyze bar codes or 2-dimensional (2D) codes for the purposes of inventory, ticketing, confirming medicine, tracking products and more. Codes are especially of value when goods need to be processed and data about these items captured quickly.



PANEL CONTROLS

LS ELECTRIC has been the leader for electric equipment. Now offering these advanced technological products to the world with Susol and Metasol Series ACB, MCCB, and Magnetic Contactor & Overload Relay.



HUMAN MACHINE INTERFACE

HG2J SERIES - 7" HMI DISPLAY

Beautiful and brilliant display with new function. The space-saving design contributes to the downsizing of equipment. IDEC's operator interface products offer a perfect solution for your display needs.

OPERATOR INTERFACES

HG1G 4in Compact

HG2G 5.7in Enhanced

HG2G 5.7in High-Performance

HG3G 8in High-Performance

HG3G 10in High-Performance

HG4G 12in High-Performance

HG5G 15in High-Performance

HG2J Series - 7" HMI Display




PLC+HMI

3.8in HMI+PLC

Models with 12 or 14 I/O

Embedded RJ45 Ethernet Port

Modbus TCP or RTU

Built-in 2 Analog Inputs

Built-in 2 Analog Outputs

Optional Analog Cartridges

USB Maintenance Port

Seamless Interface with other PLCs

Class I Div. 2 Hazardous Locations




JOYSTICK CONTROLS

Hand Grip Hall Effect

Thumb Controls

USB Desktop

Fingertip Resistive

Fingertip Switch

Fingertip Hall Effect

Fingertip Single Axis

Trackballs




KEYPADS & SMALL VEHICLE CONTROLS

Piezoelectric Keypads Designed for Applications Requiring High Reliability

CANbus Keypads

Programmable & Custom Keypads

Small Vehicle Controls




SWITCHES

NEW XS SERIES LOW PROFILE JOYSTICK

Offering reduced height for easy navigation in small places. Low profile above panel joystick with a small mounting footprint, for comfort, safety and durability.



PANEL SWITCHES

- Toggle Switches
- Rocker Switches
- Pushbutton Switches
- Anti Vandal Switches
- Control Switches
- Switch Guards
- Keylock Switches
- Push-wheel Switches



INDUSTRIAL CONTROL SWITCHES

- E-Stop Switches
- Control Switches
- Selector Switches
- Illuminated
- Key Lock Control Switches
- Control Stations
- Flush Mount
- Explosion Proof Switches



THERMAL SWITCHES

- Standard Direct Mount
- Flange Mount
- Flush Mount
- Pipe Mount
- Airstream Mount
- Epoxy Sealed



INDUSTRIAL SWITCHES & VEHICLE CONTROLS

- Micro and Limit Switches
- Ignition Switches
- Shifters & Turn Signals
- Hour Meters
- Capacitive Touch Buttons



SOLID STATE RELAYS

- Solid State Relays
- Hall Effect Position/Level Sensors
- Coded Magnetic Safety Switches



SENSORS

IO-LINK PRESSURE TRANSMITTER

The NEW NAI 8273 IO-Link pressure transmitter from Trafag is designed as a smart sensor and provides application-relevant information in addition to the process data.



TEMPERATURE SENSORS

Infrared (IR) Sensors

Cryogenic Room Temperature to
-196°C/-320.8°F

Glass-Encapsulated Bead
Thermistors

Intake Airflow Sensor Assemblies

Fuel Temperature Sensor
Assemblies

HVAC Duct Sensor Assemblies

Clip-On Pipe and Surface Sensors

Amphenol
Advanced Sensors



CO₂ - HUMIDITY- DUST SENSORS

CO₂ Sensors and Alarm Modules

Nondispersive infrared (NDIR) CO₂
Sensors

Harsh Environment CO₂ Sensors

Wall Mount CO₂ Transmitters

CO₂ Duct Probe

Humidity Sensors

Temperature and Humidity Sensors

Particulate Dust Sensors

Amphenol
Advanced Sensors



PRESSURE SENSORS

Surface Mount Pressure Sensors

Disposable Medical Pressure Sensors

Stainless Steel Media Isolated Sensors

Filtration Air Restriction (FAR) Sensors

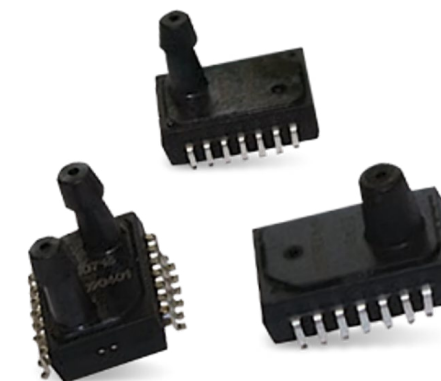
NPC Series of Low/Medium Pressure
Sensors

NPH series Solid State Pressure
Sensors

NPI-Series voltage-compensated,
Media-Isolated High Pressure Sensors

NPI-19 Digital I²C Pressure Sensors

Amphenol
Advanced Sensors



PRESSURE - TEMPERATURE - SF₆ GAS DENSITY

Pressure Transmitters

Hydrogen Pressure Transmitters

Pressure Gauges

SF₆ Gas Density Monitors

Electronic Pressure Switches

Electromechanical Pressure Switches

trafag
sensors  controls



OPTICAL SENSORS

Infrared (IR) Sensors
 Optoisolators
 Reflective Sensors
 Slotted Sensors
 Visible LEDs



RESISTIVE SENSORS

Hall Effect Sensors
 Electromagnetic Sensors
 Potentiometers
 Resistive Components
 Encoders
 Steering Sensors



ELECTRONIC POSITION SENSORS

360° Absolute Position Sensors
 Concentric Touchless Sensors
 Linear Touchless Position Sensors
 Rotary Air Gap Touchless Sensors
 Speed and Direction Sensors
 Position Sensors



GAS AND AIR QUALITY SENSORS

Catalytic Sensors
 Thermal Conductive Sensors
 Infra-Red Sensors
 Electrochemical Sensors
 Solid Polymer Sensors
 Metal Oxide Sensors
 Photo Ionisation Detection
 Mems Pellistor



SIGNAL TOWER LIGHTS

Wireless Tower Lights
 USB Controlled
 Ethernet Controlled Product
 CAN Protocol Controlled Product
 Signal Tower Lights
 Work Lights
 Special-Controlled Tower Lights
 Explosion Proof Tower Lights



STROBES AND SOUNDERS

Visual Signals
 Audible Alarms
 Combined Signaling Alarms
 Stack Lights
 Specialty Signaling Alarms
 Flashing Strobe Beacons
 Signal Tower Lights



LED INDICATORS

Panel Mount LED Indicators
 Night Vision (NVG) Compatible LED Indicators
 Rear Mount LED Indicators
 Snap-in Plastic LED Indicators
 Based LED Indicators for Bulb Replacement
 Halo Panel Mount LED Indicators



POWER SOLUTIONS

PULS ELECTRONIC CIRCUIT BREAKER (PISA-B)

The PISA-B series includes highly efficient electronic circuit breakers. The 8-channel modules distribute the current, protect loads from over-current or short-circuits and monitor the operating status in DC-24V-systems.



POWER SUPPLIES

1-Phase Power Supplies

3-Phase Power Supplies

DC/DC Converters

IP54-IP67 Power Supplies

IO-Link Power Supplies

DC-UPS Modules

Protection Modules

Redundancy Modules

PULS



POWER QUALITY

Uninterruptible Power Systems (UPS)

Power Conditioners

DIN Rail AC UPS

1-Phase UPS

3-Phase UPS

Ruggedized UPS

Traffic Battery Back up Systems

Supercapacitor UPS



RECHARGEABLE BATTERIES

Sealed Lead Acid Batteries

Lithium Iron Phosphate Batteries

Power Sports Batteries

Bluetooth Lithium Batteries

Energy Storage Solutions

Battery Chargers



HIGH POWER SOLUTIONS

Molded Case Circuit Breakers (MCCB)

Minature Circuit Breakers (MCB)



EV SOLUTIONS

AMPHENOL CHD-1400

The CHD is Designed for High Power charging in Harsh environments.

- 350A@ 95mm² shield cable
- 430A@ 120mm² shield cable
- 500A@ 150mm² shield cable



HEV CONNECTORS

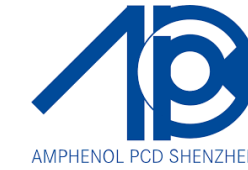
HVSL- Power & Signal - 1,2,3 position - Rated Voltage: up to 1000V - Rated current up to 450A



CHARGING

EXCEL MATE CC - Electric Car Charging Couplers and Inlets

HVBI Push-Pull Connectors ideal for limited space applications



MASTER DISCONNECTS

MSD (Master Service Disconnect)

Mini MSD Plugs and Receptacles

MSD XL Plugs and Receptacles



LOW VOLTAGE MULTI PIN

Low Voltage Rectangular Connectors



DC CONTACTORS

High Voltage DC Contactors



EV SOLUTIONS - TOOLS

EFORCE® - BATTERY POWERED CRIMPING TOOL

- World's first electromechanical-driven tool
- Speeds up the crimping process
- More than 1000 different interchangeable die sets are available
- Intelligent crimping, process monitoring through LED-Display



CRIMPING MACHINES

Crimping Machine CM 25-1

 **RENNSTEIG**



CRIMPING TOOLS

MicroCrimp - 4/8 Indent Crimping Tool

Crimp System Tools (Hand Crimp Tool)

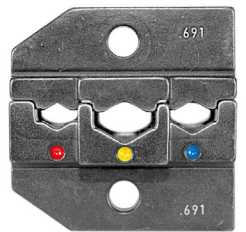
Tool with Dies for Insulated Connectors/
Plasti-Grip & PIDG

eForce® - Battery Powered Crimping
Tool

Bench Mount Support for eForce

hForce - Battery Powered Hydraulic
Crimp Tool

 **RENNSTEIG**



ELEVATOR SOLUTIONS

THE INTERLOCK SWITCH RE-IMAGINED

X Tronics XDI™ Series Door INTERLOCK Switch is an electromechanical device designed to provide peace of mind when operating accessibility equipment by securing the landing or elevator door in place, preventing it from being opened in potentially unsafe conditions.



DOOR INTERLOCK - SWITCHES

X Tronics XDI™ Series Door Interlock Switch

Limit Switches

Micro Switches

E-Stop Switches

Control Boxes

XTRONICS



POSITION SENSORS

Draw Wire Encoders

Through Beam LED Sensors

Through Beam Laser Sensors

Laser Distance Sensors

Home Position Vane Sensors

Light Arrays for Intrusion Detection

Photoelectric/Laser/Proximity Sensors

IDEC



PEPPERL+FUCHS

SENSING YOUR NEEDS



BACK UP POWER

Lead Acid Batteries

Lithium Iron Phosphate Batteries

Uninterruptible Power Supply (UPS)

POWERPS SONIC

TRUSTED BATTERY SOLUTIONS



MARATHON POWER



SMART & GENERAL PURPOSE RELAYS

Multi Function Timers

General Purpose Relays

Force Guided Relays

Power Relays

Slim Interface Relays

Latching Relays

Solid State Relays

IDEC



VALUE ADD MANUFACTURING



- Manufacturing Facility in Barrie, Ontario
- Custom Harness Assemblies
- Electro-Mechanical Assemblies, Sub-Assemblies
- Box Builds
- Custom Control Panels
- PLC Programming and Integration
- CSA/UL/Certification
- New Product Development



- Pneumatic Crimping tools - terminals up to 120 mm²
- Electric Heavy Gauge Wire Stripping machine
- Small Gauge automatic wire stripping and cutting
- Test and validation equipment



XTRONICS IS A LEADING CANADIAN MANUFACTURER'S REPRESENTATIVE