BSA technology
AN EDGE GLOBAL SUPPLY COMPANY

Reliability

Repeatability

AUTOMATION
SOLUTIONS

Productivity

DNAUTOMAT:ON

WHAT IS

DNAUTOMAT:ON

The ability to offer the best solutions in the electrical and industrial automation sector is in our DNA. The passion for our work combined with technical skills of our team, the attention to all the details of the project, the customer care service and the extraordinary trust in our partners, are the elements that deal with EDGE Group company's DNA. All these features guarantee maximum efficiency in results.

TECHNOLOGY BSA®

ABOUT Technology BSA®

Founded in 1997, Technology BSA has been part of EDGE Global Supply group since 2017. We are one of the Italian leaders in the specialized distribution of components for industrial automation. We provide solutions and products that guarantee continuous efficiency and technological evolution to support the growth and development of companies that make industrial automation a real asset.

OUR VISION

We want to be the trusted supplier for solutions and products in the field of Industrial Automation in Italy, supporting customers in every stage of the buying process. Improving customer productivity means achieving greater results and satisfaction!

OUR VALUES

Identify customer needs. Ability to propose innovative solutions. Product portfolio recognized worldwide. High quality services managed by specialists. Fast, flexible and reliable customer service. Constant commitment to customer success.

STRATEGIC POSITION TO BE AT THE SERVICE OF CUSTOMERS

GEOGRAPHIC COVERAGE

PIEMONT

San Marzano Oliveto (AT)
Torino (TO)

LOMBARDY

Corsico (MI) - Vigevano (PV)
Grassobbio (BG) - Porto Mantovano (MN)

EMILIA ROMAGNA

Castel Maggiore (BO)

SWITZERLAND

Stabio (CH)

EDGE GROUP

11 US industrial automation distributors form EDGE GLOBAL SUPPLY® company. The founders of EDGE® are present in over 200 locations, they have more than 4600 employees and share a long history of success as market leaders for over 100 years. The Edge Global Supply Group has now become international thanks to the acquisition of specialized companies in China, Brazil and Italy.

EDGE EUROPA

Technology BSA, works in the area of Center Europe, particularly in Northern Italy and in Canton Ticino (CH).

TECHNOLOGY BSA IN NUMBERS

Our solutions support your projects.

1997 Birth year	**200MQ** Rooms for technical tests	**48H** Delivery and shipping
14.000 Items in stock	**8** Offices	**12** Technical staff

GROUP PRESENCE IN THE WORLD
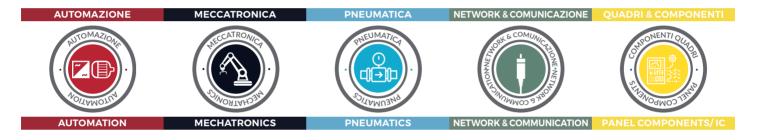
EDGE
GLOBAL SUPPLY ™

ITALY · BRAZIL · CHINA
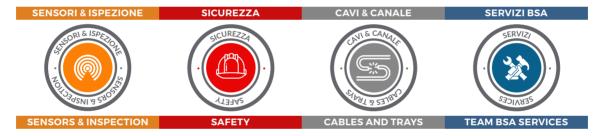
SOLUTIONS AND AREAS OF ACTIVITY

INDUSTRY 4.0

OUR SOLUTIONS

Our customized solutions focus on the needs of innovation and process optimization, in line with the principles of Industry 4.0. For a structure that integrates people, processes and technology!

AUTOMAZIONE	MECCATRONICA	PNEUMATICA	NETWORK & COMUNICAZIONE	QUADRI & COMPONENTI
AUTOMATION	MECHATRONICS	PNEUMATICS	NETWORK & COMMUNICATION	PANEL COMPONENTS/IC

SENSORI & ISPEZIONE	SICUREZZA	CAVI & CANALE	SERVIZI BSA
SENSORS & INSPECTION	SAFETY	CABLES AND TRAYS	TEAM BSA SERVICES

OUR AREAS OF ACTIVITY

Technology BSA is present in the most important sectors of the Italian economy, providing specific solutions to keep up with the continuous evolution required by the market.

Food & Beverage	Plastics processing	Packaging
Pharma & Beauty	Labeling	Logistics

Traceability

ROCKWELL AUTOMATION

Rockwell Automation is a world leader in providing solutions for industrial automation and information management suitable for a wide range of sectors.

This company brings together several brands, including "Allen-Bradley", for continuous and discrete control systems, ignition and protection of the engine, industrial safety, motion control and services, and "Rockwell Software", for software solution in production management.

CONNECTED ENTERPRISE
THE SMART PRODUCTION BY ROCKWELL AUTOMATION

Thanks to a better access to data, information are always available and in real time. This can help reduce errors, implement decisions based on demand and improve maintenance.

Smart machinery and devices are able to:
- Diagnose or solve problems independently
- Perform smarter operations with less downtime
- Ensure operational improvement opportunities
- Analyze the collected data in real time

CONNECTED COMPONENTS

MICRO-AUTOMATION SOLUTIONS FOR THE DEVELOPMENT OF STAND-ALONE MACHINES

Microcontrollers, AC Drives, operator interface, safety devices, axis control and software.

An optimized proposal for cost-effective and customized solutions
- Just one software (configuration, programming and display)
- Wide availability of design tools for application development
- Products comply with the latest global standards

CATEGORIES
- Advanced process control, condition monitoring and i/o
- Software for operations planning and management
- Distributed control systems and frequency converters
- Drive systems and operator interface
- Industrial control products and items for industrial networks
- Industrial sensors and production management system
- Motion control and motor control centers
- Programmable controllers and safety components
- Safety instrumented systems

PHŒNIX CONTACT

Specialized in industrial connection systems, Phoenix Contact is the ideal partner for products and complete solutions for data communication in the industrial sector.

It makes industrial networks safe and protects machines interconnected reliably: from planning to securing the production networks.

PHOENIX CONTACT

CATEGORIES

- Power supplies, UPS and cloud computing
- System cabling for controllers / cabling - sensor / actuator cabling
- Cables, lines and connectors
- Electronics housing and protective devices
- HMIs and industrial PCs
- Lighting, signaling and electronic switchgear and motor control
- Installation, mounting and monitoring material
- Relay modules and terminal blocks
- Surge protection and interference filters
- Marking and labelling
- I/O systems and software
- Industrial communication, measurement and control technology
- Charging technology for electromobility and tools

OMRON

Omron Industrial Automation, with branches all over the world, is one of the leader in provisioning leading-edge technological industrial automation products and consulting services for all kinds of application.

STRENGTHS
- V1000 inverter
- HMI products
- FHV7 vision system
- Sysmac platform
  - Complete integration: from the NJ series controller – able to integrate movement, logic, security, networking, visual inspection - to software
- NX series network security control unit
  - Two security protocols
  - CIP Safety™*2: adopted by manufacturers of industrial robots
  - Safety over EtherCAT(FSoE): provides a high speed response

CATEGORIES

- Control systems
- Motion & Drive
- Robotics
- Safety
- Inspection, identification and quality control
- Sensors
- Industrial automation software
- IC components

OMRON

SOLUTIONS

Technology BSA for each area of activity has studied adequate solutions for companies, becoming a specialist in all disciplines, always offering the best services and innovating constantly.

AUTOMAZIONE	MECCATRONICA	SICUREZZA
AUTOMATION	MECHATRONICS	SAFETY

QUADRI & COMPONENTI	SENSORI & ISPEZIONE	PNEUMATICA
PANEL COMPONENTS/ IC	SENSORS & INSPECTION	PNEUMATICS

NETWORK & COMUNICAZIONE	CAVI & CANALE	SERVIZI BSA
NETWORK & COMMUNICATION	CABLES AND TRAYS	TEAM BSA SERVICES

PRODUCTS, SERVICES, TECHNICAL SUPPORT AND CUSTOMIZED SOLUTIONS

FIND OUT ALL OUR SOLUTIONS

ROCKWELL AUTOMATION
DRIVE

Rockwell Automation figures out a wide range of PowerFlex AC and DC frequency converters in different sizes, power ratings, functions and options for high performance applications.

This line facilitates programming, configuration and reduces installation time, the need for training and operation.

PowerFlex Compact series is a generic solution for stand-alone machine control applications.

PRODUCT CATEGORIES

- Low voltage frequency converters
- Compact frequency converters
- Medium voltage frequency converters
- Drive systems with ArcShield technology (For high performance applications, arc resistant with regeneration functionality)
- Drives, CC

MOTION

Servo drives, servo motors and actuators. These are the main Rockwell Automation products in the motion category. For the simplest applications, it offers compact single-axis drives, while for applications requiring higher performance, multi-axis servo drives can be used.

The actuators also guarantee a linear and precise positioning.
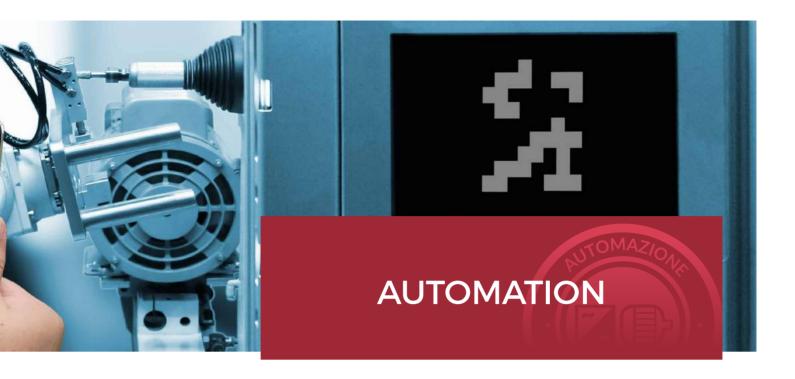
PRODUCT CATEGORIES

- VP Servo motors
- MP Servo motors
- Kinetix

AUTOMATION

OMRON
DRIVE

Omron inverters provide for energy-efficient operation of facilities and machines with fine speed control. The inverter control activity can take place in three ways: vector control, sensor-less vector control, V/F control.

The torque vector control can be in open loop mode or closed loop mode.

PRODUCT CATEGORIES

- Basic inverter (for applications in conveyor belts, fans and pumps with low nominal powers)
- Compact inverters
- Generic solutions (they are equipped with an integrated application-oriented software and the hardware design allows a good flexibility)
- Lifting applications (high performance vector control)
- Inverter IP54 (for applications in pumps, fans, compressors, cranes, cutters or mixers)
- Regenerative converters

MOTION

Omron servo drives extend from 50W up to 750W with four drive control methods: EtherCAT, Mechatrolink-II, pulse train output and analog output.

The safety function can be STO wired or STO network. Among the servo motors, we can identify the linear and rotary ones, in which it is possible to find a motor rotation or an integrated servo motor.

PRODUCT CATEGORIES

- Servo drives Accurax, Sigma, SmartStep
- Linear servo motors (Accurax-G5 linear, Sigma-5)
- Rotary servo motors (nominal torque up to 95.5Nm)

HMI

Approved for their resistance to strong shocks, vibrations and temperatures. Access to application information on numerous communication protocols including DeviceNet ™, ControlNet ™ and EtherNet/IP™. Technicians will enter configuration information only once, thanks to the possibility of integration with Logix for some panels and then use it for the entire project.

FEATURES

- Wide range of sizes, operator input methods, memory options, configuration
- Panel display, with keypad or touchscreen options
- Complete line from 4 to 10 inches
- Mini and micro controllers compatibility
- Networks supported by integrated serial and Ethernet communication ports

INDUSTRIAL PC

Industrial PC without displays have different RAM options, form factors, storage, performance, operating temperatures, optical drives. PCs with integrated displays have innovative hardware to ensure an advanced user experience.

FEATURES

- Monitors, thin clients and industrial PCs have an open architecture
- Compact computers without displays are suitable for use in hazardous areas
- The capacitive multi-touch screen can reach up to 10 points

PLC

ControlLogix, CompactLogix, Compact GuardLogix, Micro800 control systems. These solutions extend from classic programmable logic controller (PLC) to the technology incorporated in the modular programmable automation controller (PAC). Safety PLCs are certified and support applications requiring SIL2 and SIL3 protection degree.

FEATURES

ControlLogix

- Same control engine in a common development environment
- Integration between programming software, controller and I/O modules

CompactLogix and Compact GuardLogix

- Small controllers ideal for midrange applications
- They integrate safety functions and axis control in a single controller

Micro800

- Customized control for not particularly complex stand-alone machines
- Customizable systems
- The capacitive multi-touch screen can reach up to 10 points

I/O MODULES

Chassis-based I/O integrated with the controller and I/O that is distributed around your application or mounted on a machine. In-cabinet I/O IP20 can be placed in any application.
IP67 / 69K I/O can be mounted directly on a machine, reducing wiring costs and allowing easier maintenance.

FEATURES

- ArmorPOINT I/O: sharing input and output status information between multiple Logix controllers
- It is possible to install the I/O locally in the same chassis as the controller
- Integrated modules: it allows you to avoid the cost of customized compact solutions
- Expansion blocks: available for some products

HMI

Dynamic, intuitive, predictive. Simplified machine management, thanks to the versatile and compact design with advanced features. Within the Sysmac system, the NA series programs the entire machine in a single project using a common development environment for all devices.

From simple graphics to complex objects. Possibility to create libraries and share them through the projects as visual function block.

FEATURES

- Simplified machine management
- HMI used in harsh environmental conditions
- High resolution and quick display
- Also available with compact and versatile designs
- Pre-programmed and pre-tested display objects with integrated communication code

PLC

Flexible communication and rapid machine development. Compact or modular PLCs with a number of supported axes ranging from 2 to 4.

The wide range of Omron controllers includes very fast PLCs, compact machine controllers, cheaper controllers and PLC with dual CPU and power supply for control ongoing.

FEATURES

- CAN communication, CompoBus/S, CompoNet, Controller Link, DeviceNet
- Supported programming language: structured text, function block, ladder programming
- Data memory from 2 to 400 kstep

I/O MODULES

Compact, field or modular. The inputs of the I/O modules are characterized by a degree of protection IP20 or IP67. Fast exchange of I/O data and ease of configuration are combined with transparent messaging for access to smart field devices.

FEATURES

- Network connection: CompoBus/S, CompoNet, DeviceNet, EtherCAT, EtherNet/IP
- Main types of I/O module: analogue input, digital input, encoder, temperature, serial communication, safety I/O, IO-Link

ROBOT

DCM is the exclusive distributor of the Autonox24 brand, which develops and builds robots which are independent and managed by any external controller. All robots are supplied with servomotor adapters chosen by the customer and it is also possible to select the type of controller that you prefer to adopt.
Applications:
Paper folding for production line applications
Power Supply
Special production lines

DUOPODI

Two-axis robots. Extremely robust construction
- Load on the wrist: 0,5 – 350kg
- Horizontal work area: 200 - 1.300 mm
- Vertical work area: 320 - 400 mm

DELTA

Three or more axles robot. Fourth and fifth axles moved with static engines.
The robot can reach up to 240 ISO cycles per minute. Possibility of ISO toolholder flange with rotation movement.
- Load on the wrist: 0,5 – 20kg
- Horizontal work area: 200 - 1.600 mm
- Vertical work area: up to 400 mm

MOTORS AND GEARBOXES

Tramec company has concentrated the evolution of its experience in the production of helical, parallel shaft, shaft-mounted and right angle gearboxes, subsequently expanding its range of products with new and updated item lines such as planetary gearboxes and worm gearboxes.

PRODUCT CATEGORIES

- Helical gearboxes
- Planetary gearboxes
- Worm gearboxes

MECHATRONICS

ROBOT

OMRON

COBOT - Collaborative Robot TM5 - TM12 - TM14

They share the work space with operators and thanks to their versatility they can be configured at will. The Plug and Play software allows robots to work immediately and workers to carry out rapid programming during production starts and changes.

- User interface intuitive and simple to use
- Flow chart as a graphic programming language
- Integrated vision system
- Repeatability: +/- 0.05 mm
- Maximum speed J1: 180 deg/s
- Maximum speed: 1.1 m / s

MOBILE ROBOT - LD Platform OEM - CART TRANSPORTER

Mobile robots allow the transport of carts and containers within a delimited space. The navigation map is created through a laser scan that compares the map with the environment several times per second. Constant corrections keep the positioning of the robot accurate and enable route planning. If the operating environment changes dramatically, the navigation map can be defined by Acuity option: it identifies overhead lights and overlays the "light map" with the "floor map".
Two types of robots: OEM Mobile Robot and Cart Transporter Mobile Robot

- Avoid fixed and moving obstacles
- Automatic mapping with the integrated PC
- Automatic alternative route planning
- Simplified traffic management (up to 100 vehicles with EM1100 Enterprise Manager software)

INDUSTRIAL ROBOT - COBRA Series - X Series - VIPER Series

The architecture of these robots allows complete integration between movement, vision and safety.
Unique software for all models: ACE. Main applications: polishing, controlled insertion, handling of fragile parts, precise assembly. The controller manages up to 8 cameras simultaneously.

- Integrated EtherNet/IP communication
- Maximum angle rotation 180 °
- From 4 to 6 axes
- Use of the Sysmac platform

ROBOT

Pioneer in Japan, 50 years of experience in the automation of industrial robots. This is Kawasaki! The company offers robots for a wide range of applications in different sectors. Applications: arc and point welding, handling, assembly, palletizing, packaging, machine tending, loading and unloading, pressing, painting, sealing, gluing, deburring, sanding, polishing, washing, cleanroom applications.

Robots and controllers are the result of the company's experience over the years. Wide range of action and high load capacity. Innovation and attention to the details of the design.
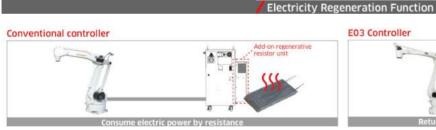
PALLETIZATION ROBOT CP Series

The CP series palletisation robots are characterized by industry-leading cycle times, a wide range of motion, a controller with reduced space and energy savings, user-friendly palletizing software to program robot operation.
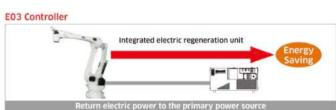These robots allow flexible operations in the end-of-line, distribution processes in a wide range of sectors and support maximum efficiency of the production line.
With maximum payload capacity, the CP180L is the fastest palletisation robot CP series.

MAIN FEATURES

* It has 2 motors on axis one, ensuring greater precision and speed.
* To avoid energy loss, the kinetic energy generated by the robot during the deceleration phase is converted into electrical energy, and the not necessary part is regenerated in the network instead of being dissipated on the braking resistor

MOTORS AND GEARBOXES

Application solutions, individual system solutions or industrial gearboxes - Sew Eurodrive provides the right drive technology in sync with all the needs of the market.

* Gear reducers
* Decentralized / mechatronic drives (cost saving, energy saving)
* Gearboxes
* Motors (synchronous and asynchronous three-phase, low energy consumption, hygienic, pressure-resistant, linear, electric cylinders)
* Servo drive technology (adaptable modular systems)

SAFETY

ROCKWELL AUTOMATION

From the simplest security functions to fully integrated systems: here there are the innovative security control solutions.

PRODUCT CATEGORIES

Guardlink Technology:

It is a safety-based communications protocol that links safety to advanced functions and diagnostics to the devices. This connection anables maximum speed, guaranteeing the reading of any type of label

Guardmaster safety relay:

They control and monitor the security system, allow machinery to start or execute commands to stop the machine

Lifeline cable pull switches:

Based on microprocessor, they offer advanced solutions and diagnostics

Guardshield safety light curtains:

Patented technology based on separate transmitter and receiver units. Flexible and modular solution

Safezone Laser scanner:

Compact device designed for fixed and mobile applications and equipped with a wide scan angle

SATECH

Modular perimeter protections for machinery: Satech goal is to provide safety of personnel in production environments, in compliance with EU and international regulations. The machinery protections assembled with passing screws are subjected to severe dynamic resistance tests for the inside impact towards the outside according to the procedure called "rigid body" (EN ISO 14120).
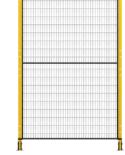
CATEGORIES OF PROTECTION

- Basic (uprights 40x40 mm, panels with 20x20 frames)
- Strong (uprights 60x60 mm, panels with 20x20 mm frames) and Heavy (uprights 60x60 mm, panels with 30x30 mm frames)
- Green Fast (self-supporting panels and baseplates with locking fork)
- Adapta (frameless 3/4 mm steel wire panel - connected from 40 to 60mm uprights)
- Bodyguard (prevents personnel falling from galleries or elevated areas)
- Panels, doors, locks

IC COMPONENTS

Rockwell Automation electromechanical components offer a complete line of products, including starters that comply with NEMA or IEC standards and UL certified items.
Circuit protection products protect solenoids, relay modules, pilot devices, PLC outputs and more over.
They can be mounted on a DIN rail for a quick installation and high density configurations.

Rockwell Automation

Motor control
- Contactors
- Control & Load Switches
- Soft Starters

Circuit and overload protection
- Circuit breakers
- Limit Switches
- Electronic relays
- Signaling devices (buttons, lighting tower)

IC COMPONENTS

Motor protection and low voltage switch gear are the main items of the Omron switching components.
Electromechanical relays can have general or special purpose, they can satisfy a wide range of interface applications or can satisfy high power applications.
The monitoring type of the category are: single phase, three phase, temperature, level control, motor condition.
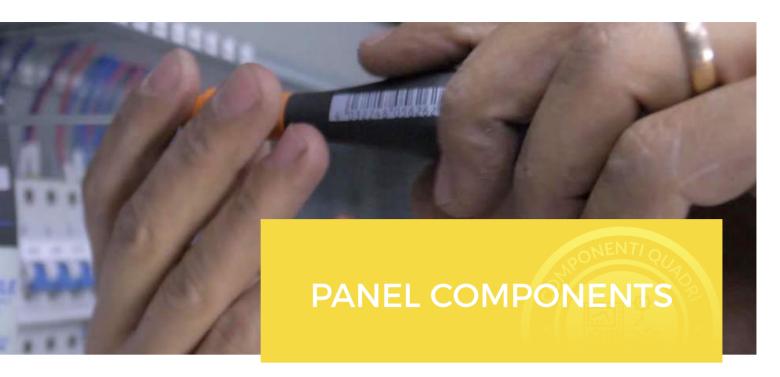
OMRON

- Electromechanical Relays
- Low Voltage Switchgear
- Power Supply
- Solid State Relays
- Controller and monitoring relays
- Timers

IC COMPONENTS

Eaton's offer originates from experience in various fields: power distribution and circuit protection, emergency power protection, control and automation, lighting and security, structural solutions and wiring devices, solutions for hazardous environments and engineering services.

EATON
Powering Business Worldwide

- Circuit breakers (reliable protection for systems, generators and motors)
- Contactors (reliability and low costs, reduced maintenance)

CARPENTRY

Rittal develops innovative solutions in the field of painted and stainless steel carpentry. The cooperation with the subsidiary Eplan allows the company to become even more attractive thanks to the production of software for planning and assistance solutions.

Rittal studies top quality solutions thanks to new simplified coupling technologies, simple assembly and software-based design and planning.

CARPENTRY

Oriented to the future and based on innovation, DKC is a dynamic reality that dedicates a substantial part of its activity to carpentry.

The enclosures, with an innovative design, comply with the highest European quality standards, while DKC air conditioners are the ideal solution to cool and keep the electrical panel separate from the surrounding environment.

RITTAL

- Enclosures
- Small and compact enclosures
- Hygienic design
- Power distribution
- Climate control
- IT enclosure systems

Automation Systems:

- Machining – assembly – wire processing – handling – manual tools
- System accessories

DKC

Ram Block:
Electrical panels carpentry (modular cabinets, welded compact cabinets, mounted compact cabinets, metal boxes IP66/IP55, junction boxes, consoles)
Ram Klima:
Coolers for electrical boards
Ram Box:
Polycarbonate boxes (material highly resistant to corrosion and flames with high mechanical resistance)

TERMINAL BLOCKS

Phoenix Contact offers all connection solutions with a single system.

The great CLIPLINE complete modular terminal block series offers a new connection technology.

PHŒNIX CONTACT

- Push-in connection
- Spring-cage connection
- Fast connection
- Screw connection
- Bolt connection
- Barrier connection
- Special connection

23

OMRON

Sensors and vision systems are essential components for any automation system. The Omron product range, which extends from basic inductive switches to complete vision systems, guarantees reliable and accurate data in all aspects of control and automation. High resolution, high coverage, ideal for advanced applications!

PRODUCT CATEGORIES

Sensors

- Photoelectric sensors
- Fiber sensors
- Proximity sensors
- Displacement sensors
- Code readers/OCR
- Limit switches and mechanical sensors
- Rotary Encoders

Inspection

- Verification product (barcode, labels, 1D/2D, laser scanner, RFID)
- Vision sensors, pick&place, vision system, smart camera
- Cameras (area scan, line scan)

INXPECT

LBK is the innovative Inxpect radar system with active protection and certified SIL2/Pld, designed to monitor dangerous areas of a machinery. The system offers superior security protection and is immune to optical disturbances like smoke, dust, shavings, machining waste, splashes. Two main functions:

- Detection Function: it places the machinery in safe conditions when someone enters the dangerous area.
- Restart Function: it inhibits the restart of the machinery if there are operators in the dangerous area.

PRODUCT CATEGORIES

- Control units of the safety barriers (it monitors up to 6 sensors)
- Sensors (FMCW radar devices, ISM 24GHz band, CAN bus communication)
- Label and code readers (barcode, RFID, laser scanner, 1D, 2D)

SENSORS & INSPECTION

LION PRECISION

Lion precision sensors are based on innovative technologies, such as capacitive, inductive and optical. An added value is the possibility to customize solutions: tailor-made sensors based on your activity.

PRODUCT CATEGORIES

- Capacitive sensors: ability to detect non-conductive materials
- Inductive sensors: possibility to make precise measurements in poorly cleaned and/or humid environments
- Tools for spindle measurement: identification and preventive problem solving
- LRD label sensors: this technology offers maximum accuracy in detection and speed, ensuring the reading of any type of label

ROCKWELL AUTOMATION

Robustness, reliability and application flexibility. The range of Rockwell Automation smart sensors provides information, advanced features and flexibility, increasing machine and plant efficiency.

Thanks to IO-Link technology it can access to all configuration parameters, process data and sensor diagnostics functions.

PRODUCT CATEGORIES

- Photoelectric sensors
- Proximity inductive sensors
- Limit switches
- Ultrasonic sensors
- Advanced sensors
- Condition sensors
- Encoders
- RFID
- Capacitive sensors

KUBLER

Kubler Group is one of the world leaders in the field of counting techniques, processes and transmission. Kubler Group technicians have been constantly studying new possibilities and testing new technologies for engine sizing as well as for installation in tight spaces. Efficient products for optimal control!
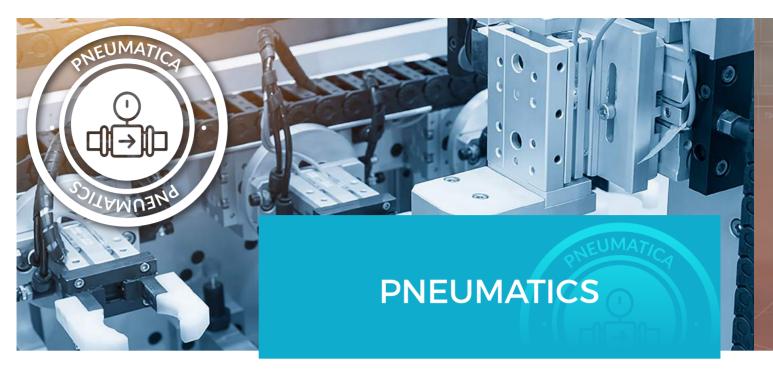
AREAS OF ACTIVITY

- Transmission technology
- Counters and process devices
- Functional safety for moving applications
- Position and displacement sensors

PRODUCT CATEGORIES

- Encoder
- Slip rings

PNEUMATICS

FESTO

FESTO

Festo pneumatic solutions are ready for installation and valid for all types of processes. They reduce costs and efforts. The wide range of products extends from simple directional control valves to the most complex movement tasks, guaranteeing good levels of flexibility.

PRODUCT CATEGORIES

Pneumatic and electromechanical actuators, servo-pneumatic positioning systems, grippers, handling systems, vacuum technology, valves and valve units, motion terminal, compressed air preparation, pneumatic and control connection technology, electrical connection technology.

Pneumatic actuators features:

- Self-regulating, easy to use and safe
- Cylinder with piston rod: compact cylinders, short stroke cylinder, flat cylinder, round cylinder, miniature cylinder, cartridge cylinder or stainless steel cylinder
- Extremely compact and performing for linear or rotary applications

Festo integrates more functions in the industrial automation sector: pneumatics, servopneumatics, motion control, electrical components and safety technology.

Pneumatics: up to 128 valves and bus pressure regulators

Servopneumatics: positioning and soft stop up to eight axes

Motion control: electric actuators, synchronized/asynchronous/interpolation 2.5 D

Electrical components: up to 512 digital/analog I/O, temperature and pressure sensors

Safety technology: safety valves for presses, special valves and pressurization during commissioning

NETWORK & COMMUNICATION

PROSOFT TECHNOLOGY

ProSoft Technology supplies connectivity solutions in order to reduce time for development, maintenance and commissioning of the communication network.

The company is specialised in wireless industrial communication, standalone interface protocol gateways and application modules for PLC rack.

PRODUCT CATEGORIES

Gateways: they allow communication among the main industrial protocols

Industrial wireless: industrial wireless solutions are dedicated to plant automation, SCADA automation, process control and wi-fi infrastructure

Products In-chassis: modules for Rockwell Automation platforms, such as ControlLogix, CompactLogix, PLC, SLC, and the Flex I/O product lines

Repeater / Extenders: these solutions allow an increase of the signal level. Connection lines become longer without loosing the speed of the network

PHOENIX CONTACT

Phoenix Contact industrial communication technique is based on wireless solutions, copper and fiber optic installations: maximum flexibility of the systems with solid and interference-free networks. An advantage that should not be underestimated is the increase in transmission and speed coverage thanks to efficient communication interfaces able to meet the highest standards.

NETWORK PRODUCT CATEGORIES

Industrial wireless: different radio technologies for different applications. They allow the transmission of signals and data in extended installations

Industrial ethernet: customized configuration of your infrastructure and maximum security thanks to firewall technology and remote assistance

Fieldbus communication: possibility to install strong and fast copper and fiber optic communication networks

Remote communication: rapid detection of information with integrated security function (VPN technology)

Solutions for all protocols: components and systems able to create fieldbus network for each application

CABLES & CABLE TRAYS

BASOR CABLE TRAY

A lot of years of experience made Basor Electric a specialized company in industrial electrical installations, especially in the production of cable tray systems for all the engineering works.

Through the ingredients of success arise the great technological capacity, the solid industrial base and the spirit of innovation.

PRODUCT CATEGORIES

- Basortray: steel cable tray
- Basorfil: wire mesh cable tray
- Basortrav: cable ladders
- Basorsupport: support systems
- Basorplast: airtight trunking systems
- Fibertray e Basorflex: fibreglass tray and tubes
- Basorcanal: specific usage tray
- Basortub: watertight trunking systems

SADA CAVI

Sada Cavi is a company specialized in supplying automation cables, thanks to a fast and efficient system. It also manages certified, UL and UL listed recognized cables. The most significant applications concern the fully automated processing plant and the space optimization system.

PRODUCT CATEGORIES

- Laying fixed cables
- Mobile laying cables
- Cables for inverter – EMC – brushless
- Bus and Ethernet cables
- Encoder and resolver cables

SAFETY
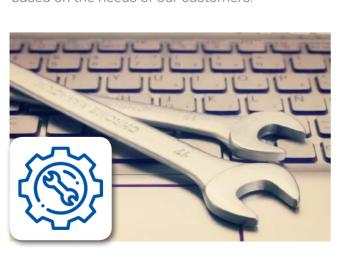## AND CONNECTED
INFRASTRUCTURE

SPARE PARTS AND REPAIRS OF OBSOLETE COMPONENTS

We provide a research service of products no longer available on the market by supplying them with new or reconditioned products with 12 month warranty. We can also offer a repair and reconditioning service of faulty components of automation systems with the aim of hand back the product in its full functionality.

FIELD ENGINEERING

Our team of field engineers is composed by personnel specialized in operations of technical assistance and support to product selection and migration from a specific brand to another one.
The Field Engineer presents technical and commercial skills, such as the ability of identify, develop appropriate and customized solutions based on the needs of our customers.

TECHNICAL SUPPORT

Do you need to select, apply, install or configure electrical, pneumatic and automation products?
We are ready to assist you in any technical need, even in terms of monitoring and installation of control and power panels.

OUR SERVICES

REMOTE SUPPORT

We provide a remote assistance service. Your benefits will be a better response times from the technical support, a better efficiency of the business and a minimisation of the technicians' transfer costs.

If you have some requests do not hesitate to contact us! The BSA team is ready to grant your inquiries.

ETL CERTIFICATION

Do you export to the USA and Canada? Do you need products that comply with safety requirements of these countries?

Thanks to Intertek, a company that verifies the quality and safety of products, processes and systems, attesting their compliance with the UL/CSA standard, the BSA team today is ETL certifier for your activity of assembling of electrical panels.

CODING SUPPORT

We offer assistance and support for the programming and coding of: PLCs, Graphics Interfaces (HMI) and Industrial PC.
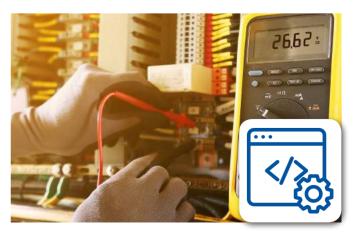
Thanks to the skills acquired on field by our technicians, we can follow the activity of programming, installation and commissioning of the products that require it.

MIGRATION SUPPORT

If you want to reorganize your processes, we will support you in the configuration of electrical panels and machineries, offering you the best solution in term of technology for money.

TRAINING COURSES

BSA team organizes specialized training courses including practical laboratories dedicated to the customers.

You will learn how new products or software work through practical workshops supported by qualified technicians! Improving your technical skills will help you make your business more efficient.

DEDICATED AND CUSTOMIZED STOCK

An area of our warehouse can be entirely dedicated to your company!

Make sure the availability of items with high frequency of request, so that they are always ready to be shipped if needed. Customizing your own stock helps speed up your deliveries.

REPAIR AND MAINTENANCE

Control activities and preventive maintenance on business infrastructures.

We provide a service of assistance to machines, plants and products in terms of repair and maintenance in order to ensure limited costs and contain recovery times.

OUR BRANDS

Rockwell Automation · PHŒNIX CONTACT · OMRON · FESTO

ProSoft Technology · dcm · BE Basor Cable Tray Specialist · sada cavi SPA · LION PRECISION

INXPECT · Kübler · EATON Powering Business Worldwide · SATECH Safety Technology · RITTAL

Kawasaki Robotics · TRAMEC "Perfection is a Masterpiece" · SEW Eurodrive · DKC

Leuze electronic the sensor people · GEFRAN · PILZ The Spirit of Safety · Weidmüller

BALLUFF · PEPPERL+FUCHS · LAPP ITALIA · DATALOGIC

Danfoss · SICK Sensor Intelligence. · ELETTROTEK KABEL · COGNEX

WAGO · wöhner · pizzato elettrica · new ELFIN Command and Control

ifm · ILME · eta · HARTING · SMC · TKD ITALIA SRL Cables in motion

CONTACT
TECHNOLOGY BSA

•••BSA®
technology AN EDGE GLOBAL SUPPLY COMPANY

PIEMONTE
H.Q.
Regione Leiso, 99
14050 | San Marzano Oliveto | AT | Italy
OFFICE
Corso Trapani, 147/149 | 10141 | Torino | TO | Italy

LOMBARDIA
OFFICE
Viale Italia, 12/14 | 20094 | Corsico | MI
Via Berlino 1 | 46047 | Porto Mantovano | MN
Corso Pavia, 71/1 | 27029 | Vigevano | PV
Via Lungo Serio, 17 | 24050 | Grassobbio | BG

EMILIA ROMAGNA
OFFICE
Via Quasimodo, 44/B | 40013 | Castel Maggiore | BO

SVIZZERA
OFFICE
Via Laveggio, 3 | C.P. 658 | CH 6855 | Stabio

Telephone:
+ 39 0141 8577

www.technologybsa.com

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