

4JB Automation & Power Controls Pvt. Ltd

Products - Training & Services



Automation



Control



Safety



Service & Support



Training and Consulting



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Projects - Products - Training & Consultancy

4JB Automation is an Engineering & Training wing of Rajkot Marine LLC /Rajkot Diesel Machines, based in UAE. We provide our engineering, Project works and training solution in India and UAE. We do give world class training course and engineering solutions.



Exactly what do we offer our customers?

100% customer focus

We continue to improve our customer service and the range of products we offer.

Outsource Engineering Services

Find out how working in partnership with our engineering teams can provide huge benefits for your business.

Complete India & Gulf Region local field sales support

Our team of Field Sales Engineers cover the region, offering on-site advice and helping you specify the right products for your application.

Free telephone technical support and application advice:

Our team of expert -Engineers can provide our customers with additional application advice and after-sales technical backup.

Product specific and machine safety training courses

We can also provide a range of product Specific training courses covering the full range of PLCs, SCADA, AC Inverters and HMIs, Power generation, Industrial, Marine, Oil & Gas application engineering as well as a City and Guilds machinery safety training.

Have you ever considered outsourcing your engineering?

Outsourcing can be a great way to manage your resources and work load, but this is only part of the benefits customers enjoy when working in partnership with our engineering teams.

As a technical distributor we get in-depth training and advanced notification of developments from the manufacturers. By applying this knowledge we can tailor solutions to make a real difference to our Customer's issues. With most things in life when you have found the solution it often turns out to be simpler than you originally thought.

Sub-contract Back Panel Assembly

To win business many of our machine builders and OEM customers have to deliver products on shorter lead times and keep costs under control

Our sub-contract assembly service, can help smooth out the Production peaks that many companies now have to deal with.

Custom Lead and Wiring

Looms:

Many of our customers find that standard connection leads are not ideal for their specific applications.

Sub-contract Panel Build:

A number of our project management and system integrator customers prefer to concentrate on design, project management and software development. Managing panel building and purchasing activities not only proved to be expensive but a distraction from their core business. Our engineering team provides high quality panels to the customers CAD drawings and specification. With large stocks of most popular components we have also reduced purchasing cost and lead times.

Safety and Energy Saving Systems

When it comes to machine safety many companies need more support with their application than simple product supply. The solution must meet the required safety standards and be user friendly.

For energy saving applications customers need to know how much energy will be saved to justify the investment. Our engineering team will evaluate the application and deliver the right solution for your needs.



Process Monitoring

Automation Product Range

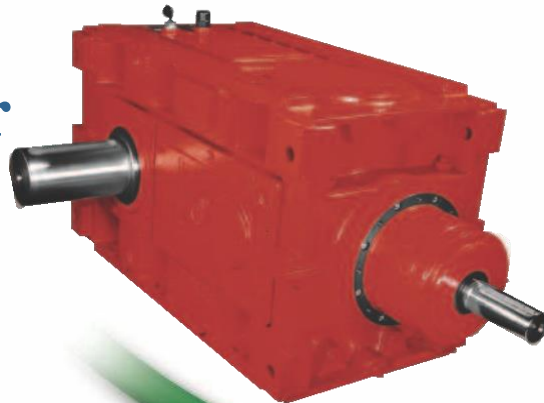
We supply quality motors, drives and other automation products, from a stand alone item to a fully configured system. We can help you to integrate the right solution, improving your competitive position by saving energy and reducing costs.

AC Motors and Control Equipment

VFD & SOFT STARTERS



Mechanical Power Transmission



SWITCH GEAR



Control Product Range

Our control range includes programmable logic controllers (PLCs) and visualization products such as HMIs and IPCs. 4JBAutomation are experts in all areas of process control including networking equipment, sensors, switches and control gear.

Instrumentation

Utilising the right instrumentation can give you all the information about your processes in an easy to understand format.

Our range includes;

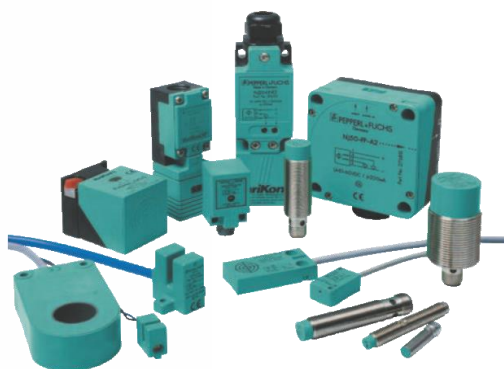
- Panel and energy meters
- HMIs (Human Machine Interface)
- Industrial PCs
- Data acquisition
- Signal conditioners
- Temperature controllers
- Chart recorders



Sensors and Switches

Our range includes;

- Tape switches
- Proximity sensors
- Photoelectric sensors
- Capacitive sensors
- Ultrasonic sensors
- Barcode readers
- iDent systems Limit switches
- Pressure, level, and flow sensors
- Encoders



Control Product Range

Programmable Logic Controllers (PLCs)



Networks and Communication

As an independent distributor, we support all major field-bus and industrial networks.

Our range includes;

- Gateways
- Routers
- Modems
- Managed and un-managed switches
- Network masters
- Cables Patch leads
- Termination product
- Configuration software



Control Gear, Cable and Power Management

- The failure of the smallest component can cause big problems. System reliability starts with quality components and installation products.
- Our range includes;
- Cables and cable ties Cable management products.
- Control gear Cabinets and enclosures
- Bus bar products
- Circuit breakers, Glands and EMC products
- Power supplies Relay and base,



Safety Product Range

Automation have a comprehensive range of machinery safety products from many of the world's leading brands. We also provide all the help and application advice you need.

Photo-electric Safety

Photo-electric products are the flexible alternative to fixed safety barriers, which will keep your staff safe without restricting access.

Our range includes;

- Safety light curtains and muting systems
- Area laser scanners
- Camera systems



Safety Switches, Sensors, Edges and Mats

Selecting the right technology and sensors are critical when designing a reliable safety system.

Our range includes;

- Key exchange systems
- Safety switches
- Safety sensors
- Safety edges
- Safety mats
- Gate and rope switches



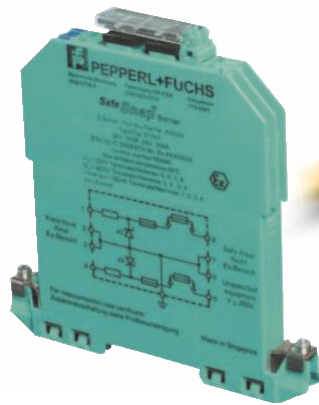
Safety Product Range

Safety Networks and Programmable Safety Products

Programmable safety products are at the forefront of safety technology, allowing you to integrate safety with the rest of your system.

Hazardous Area and Intrinsic Safety

If the risk assessment identifies fire or explosion as a hazard, our range of intrinsic safety products can help with risk reduction.



Safety Relays and Modules

The new generation of safety relays allows you to reduce panel space and stock, improve system diagnostics and standardize wiring



Our range includes; Pilz safety relays Safety relays Schmersal safety



flow



level



temperature



pressure



G21 starter



Socket G23 starter isolator



Cable entry positioning

