

The complete electronics solution

Comprehensive Support for your Complete System

know-how makes the difference

ERIKS

WHY CHOOSE ERIKS?

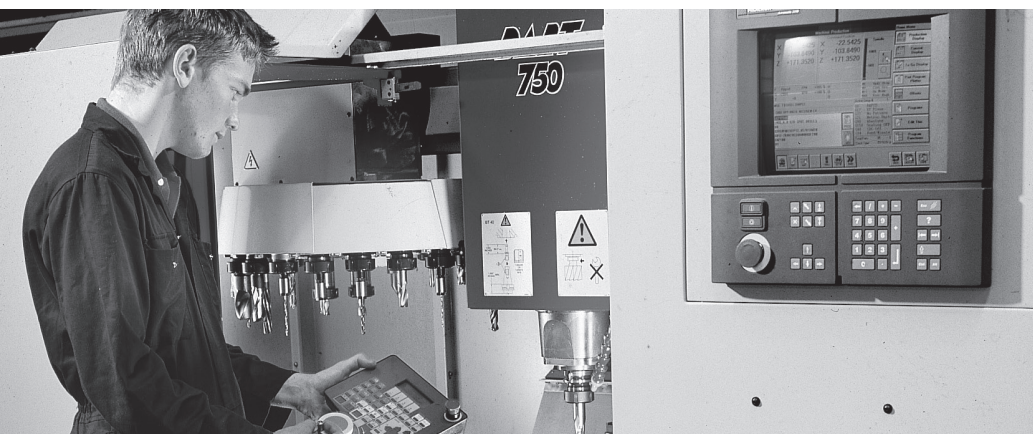
Customers choose ERIKS because ERIKS offers choice. Not just replacing malfunctioning electronic equipment. Not just repairing a failed component. Not just one brand of product. Not just focussing on only one aspect of your system.

Instead, ERIKS offers you a choice of solutions and brands.

Our comprehensive expertise enables us to assess your entire system from electronics to mechanical equipment, and to advise on the most cost effective approach to maintaining its peak productivity and efficiency: whether that's repairing or replacing a part, or devising a complete, comprehensive, new solution.

Complete capabilities

- Repair, replace, upgrade
- State-of-the-art workshop
- Solutions led, not manufacturer led
- Electronics Technology Centre
- Full functional test
- Tried and tested own-brand
- Multi-brand offering



WHAT MAKES ERIKS DIFFERENT?

One of the biggest differences between ERIKS Electronic Services and others is that we are about more than just electronics. As part of ERIKS Electromechanical Services, we have the capability, experience and application engineering expertise to support every aspect of your system:

- Electronics
- Pumps
- Motors
- Gearboxes
- Mechanics
- Hydraulics
- Pneumatics
- Valves
- Instrumentation

We also offer:

NATIONWIDE COVERAGE

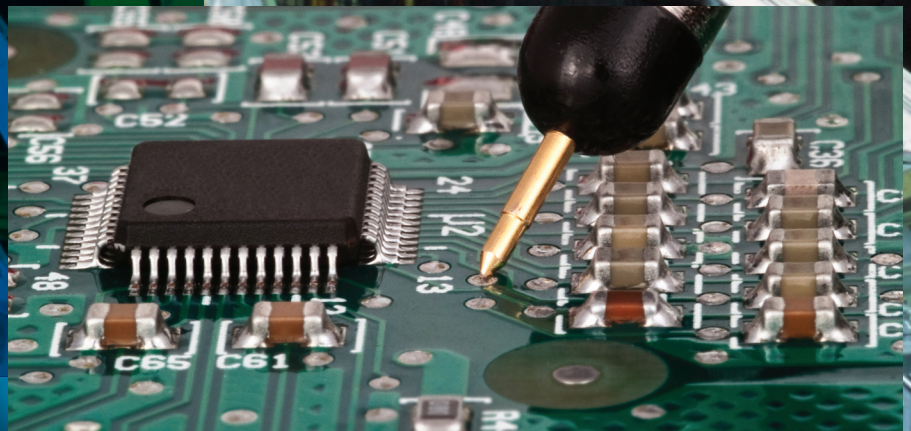
- 70 industrial distribution sites
- 25 workshops
- 24-hour emergency service

EXPRESS SERVICE

- Extensive range of parts in stock
- Same-day delivery
- Free local collection and delivery

PEACE OF MIND

- Guaranteed reliability
- 12-month shelf life guarantee
- 12-month in-service warranty
- BS EN ISO 9001:2001 quality assurance
- Approved by OEMs



ADDING VALUE TO YOUR BUSINESS

ERIKS' repair or replace neutrality, and comprehensive systems expertise, means we can devise sustainable solutions which go beyond short term fixes. Firstly, we'll address the urgent problem. But secondly, we'll look beyond the immediate symptom to assess your systems and operations and identify the cause – using our Root Cause Analysis expertise.

Our solution will not just restart your production, but will maximise your productivity, by:

- Increasing mean time between failure
- Lengthening total machine service life
- Improving overall reliability
- Reducing downtime

Comprehensive know-how

Our know-how, passion for technology and commitment to quality are applied across the board, enabling us to offer expert support for your:

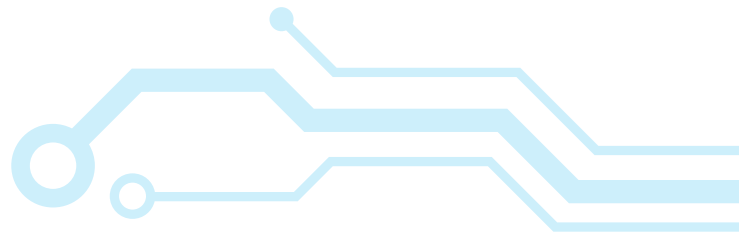
- Drives
- PLCs and software
- CNC systems
- Robotics
- Servo systems
- Servo motors
- Industrial PCs and HMIs
- Monitors and power supplies
- Safety systems

Servicing customers as well as equipment

We take as much care of our customers as we do of their equipment – offering the kind of customer service that provides real peace of mind. This includes:

- Quick response and fast turnaround – including an emergency service if required
- On-site fault diagnosis
- Comprehensive full functional testing
- Extensive 12-month in-service warranty





CHOOSE FROM THE MARKET LEADERS



ERIKS offers a range of electronic and related products, from Europe's market-leading manufacturers, as well as being an Authorised Distributor of Fenner inverters.



Our partners include many of the best-known names worldwide in the electronics industry, including:

- WEG
- Yaskawa
- Fenner
- Bosch Rexroth
- Sanyo Denki
- Parker
- Sprint Electric
- S2S electronics
- Festo
- SMC

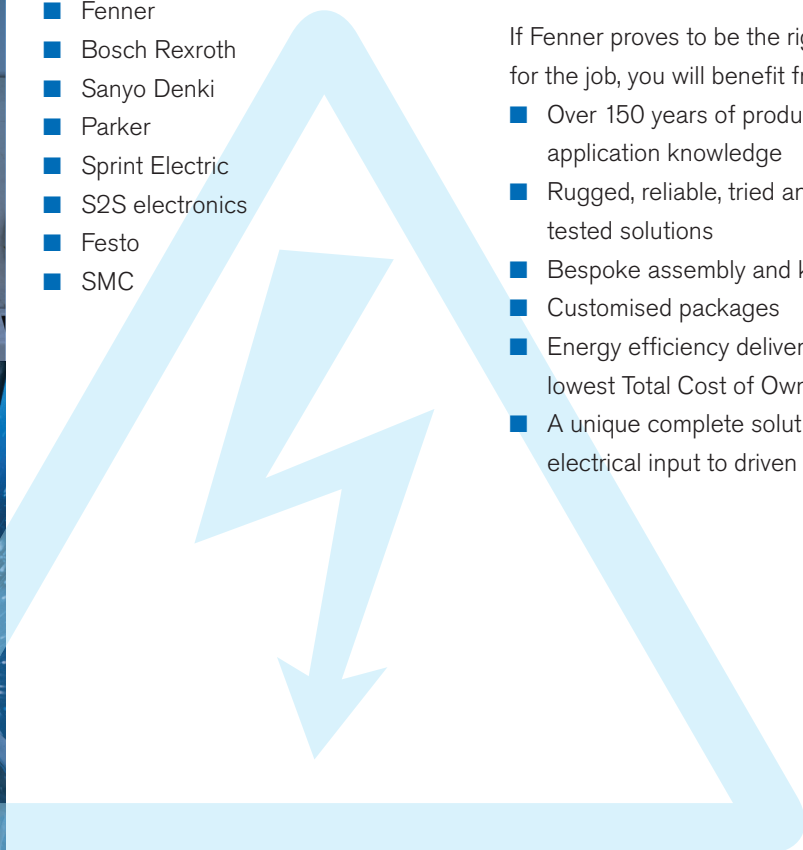
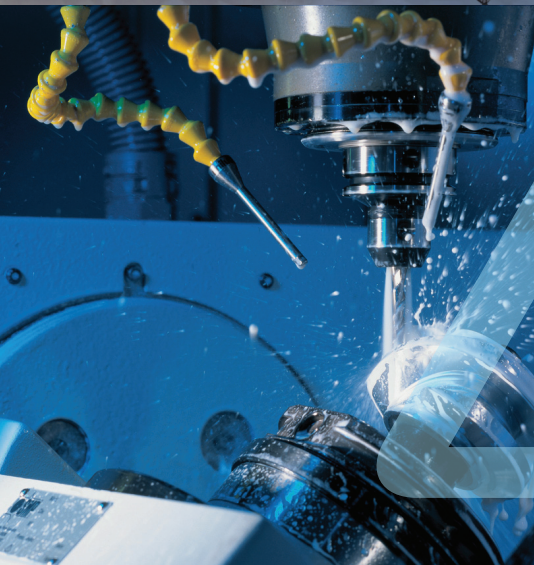


The Fenner advantage

ERIKS only ever recommends the right product and the right brand for your specific requirements, regardless of manufacturer.

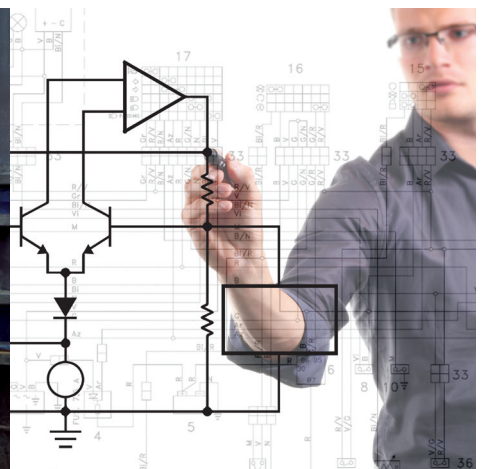
If Fenner proves to be the right solution for the job, you will benefit from:

- Over 150 years of product and application knowledge
- Rugged, reliable, tried and tested solutions
- Bespoke assembly and kitting
- Customised packages
- Energy efficiency delivering the lowest Total Cost of Ownership
- A unique complete solution from electrical input to driven machine





ALL THE SERVICES AND FACILITIES YOU NEED DEDICATED TO FUNCTIONAL TESTING



Technology Centre

Our dedicated centralised electronics facility offers repair, testing and supply of:

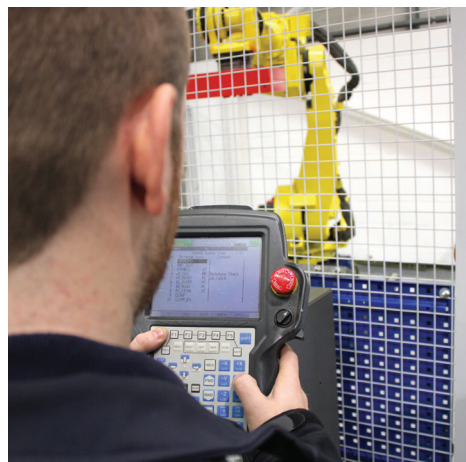
- CNCs
- Motors and encoders
- Robots
- Communications
- Industrial PCs and HMIs
- PLCs and software
- Safety equipment
- Drives
- Monitors
- Power supplies
- Servo systems

We also have a comprehensive range of test rigs, enabling us to offer testing of a wide range of equipment from the leading manufacturers:

- | | |
|-----------------|--------------------|
| ■ Siemens | ■ Omron |
| ■ Allen Bradley | ■ Mitsubishi |
| ■ Indramat | ■ Plus many others |
| ■ Fanuc | |
| ■ ABB | |



The Technology Centre is supported by a nationwide network of 25 local workshops.





CASE STUDY

A 3D, SIL 3, safety scenario

Construction of a new bio-storage shed at a quayside storage facility created a potential collision hazard for two rail-mounted cranes, working on parallel lengths of track.

SITUATION

A safety system was required which would prevent the crane from colliding with the storage shed and its associated conveyor systems, as their operating arms slew out to 90° on either side of the track.

Developing the system meant mapping the movements of both cranes, to determine each crane's motion, and its position in relation to the biomass building and equipment.

SOLUTION

With the cranes' positions identifiable at all times, it was then necessary to identify which positions had the potential to create an injury or collision risk, then to build a system which would automatically force the relevant crane into a 'safe' state.

This demanded the highest relevant Safety Integrity Level (SIL 3), together with Stop Category 1.

SAVING

The outcome to this safety system installation cannot be measured in purely financial terms. However, since the system has been in operation, there have been no reported incidents of any kind involving the cranes.



ERIKS repair and maintenance services

ERIKS offers a complete range of services. So you can benefit from the option to repair, replace, or upgrade, to increase your productivity and your cost efficiency, across any or all of:

- Gearboxes
- Condition Monitoring
- Pumps
- Electronics
- Motors



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