

**C<sup>3</sup>** product  
overview



**cynergy<sup>3</sup>** components™

# liquid level, flow & pressure sensors Sensing & high voltage and RF Reed Relays



## Overview our capabilities

Cynergy3 is a world leading manufacturer of Liquid Level & Flow Sensors, Pressure Sensors, Pressure Transducers & Transmitters, High Voltage & Radio Frequency Relays.

Cynergy3 Components Ltd, an ISO9001:2008 registered production facility based in Dorset, England, has been manufacturing reed switch-based products for more than 50 years. The production plant is a centre of excellence for its main product groups: Reed Relays, Liquid Level and Liquid Flow Sensors. Specific products are UL, WRAS, ATEX or PED approved.

The reed switches, manufactured in the state of the art clean room, at the site are used in Cynergy3's range of standard and custom reed relays, liquid level and flow sensors. This ensures that Cynergy3 is in complete control of the delivery, quality and reliability of one of its core components.

Virtually everything is accomplished in-house in order to assure complete control over production, delivery and above all else quality. Design, development and manufacturing are under one roof, which

ensures that Cynergy3 Components is able to provide customers with rapid, accurate responses on a worldwide basis.

Quality, innovation and customer service are key to the success of Cynergy3, combined with continuous research, development and expansion of the product range.

The company's strategy is to provide a high quality product, backed by innovative engineering know-how and quality driven manufacturing processes.

The aim is to develop close partnerships with customers, working with them at all levels, from early feasibility studies through to production and delivery. A key element of this strategy is to solve customer problems by providing the best possible solutions.

Cynergy3 has established an extensive network of sales offices, agents and distributors across the world, ensuring that customer needs are met with efficiency and skill at all levels, including local support for the customer, wherever they are located.

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## Liquid level Sensors our capabilities

Reliable, repeatable level detection  
Suitable for many fluid types & temperatures  
Reed switch contact achieves millions of operations  
Vertical, horizontal, multi-level mounting options



- ❑ Manufactured in Engineering Plastics or Stainless Steel
- ❑ Side and Vertical mount sensors
- ❑ Internal or External mount versions
- ❑ Variety of connection options
- ❑ WRAS (drinking water), UL, ATEX, Lloyds approvals
- ❑ Custom designs to suit applications

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## LiquidflowSensors ourcapabilities

Reliable, accurate, repeatable flow detection

Low flow versions available

Suitable for many fluid types and temperatures



- ❑ Inline flow switches for 15mm, 22mm and 1" BSP pipe connection
- ❑ Paddle flow switches for 1" to 4" pipes
- ❑ Ultrasonic flow meter for 7mm or 10mm bore pipes

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## NEW PRODUCT RANGE

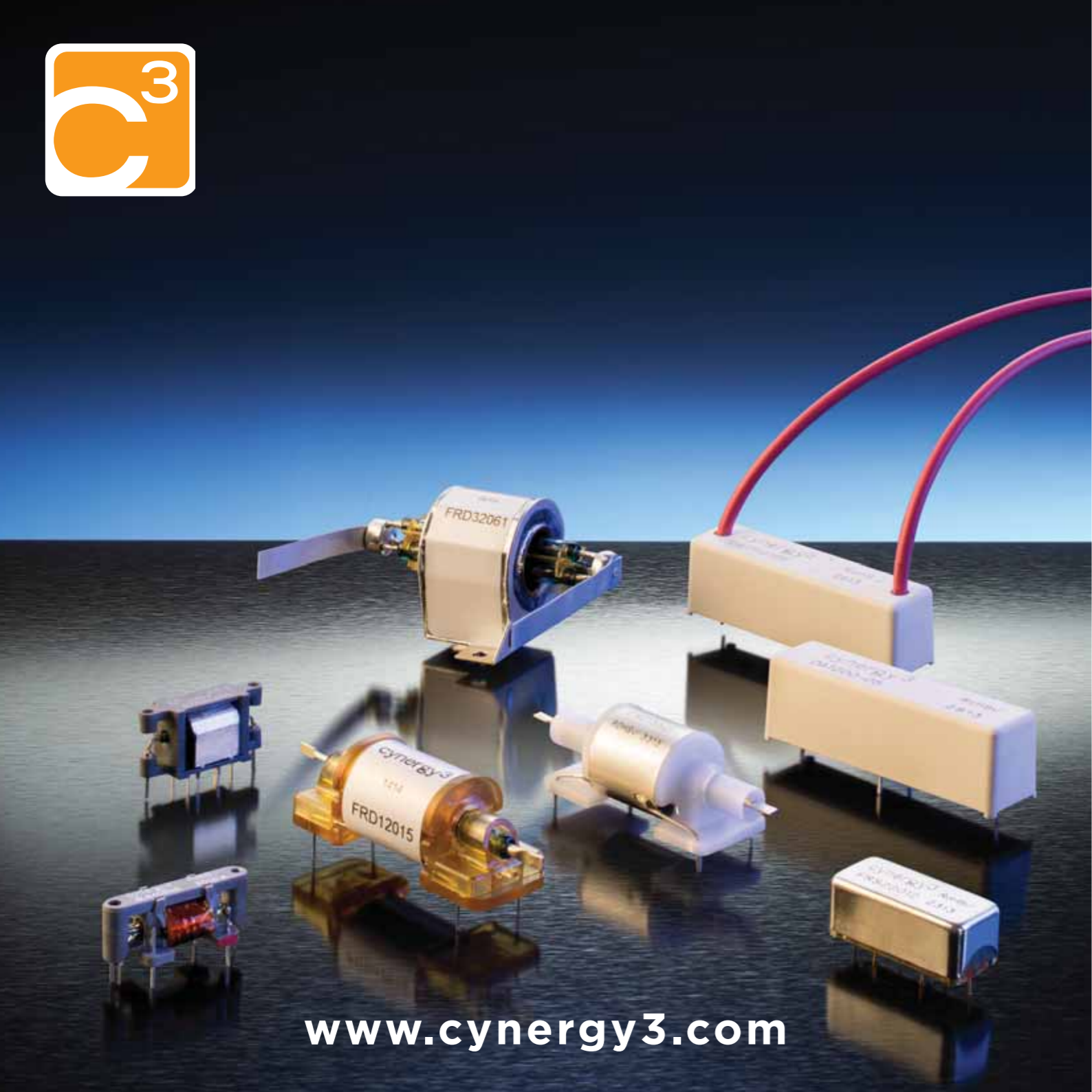
## PressureSensors ourcapabilities

Pressure sensors, transducers and transmitters  
Pressure control, liquid level control systems  
Pressure and level measurement

- ❑ Pressure ranges from 50mbar to 600 bar
- ❑ Output options mV, Volts & Serial
- ❑ High accuracy Pressure sensors
- ❑ Industrial, Marine, Automotive and Scientific
- ❑ Control systems for pressure and level
- ❑ Ceramic and Silicon pressure elements
- ❑ Custom designs for specific applications



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# ReedRelays our capabilities

True Mechanical Isolation up to 15KV  
Ultra fast switching time  
Custom Models available  
Many mechanical & pin options

- ❑ High Voltage isolation from 1kV to 15kV
- ❑ High Voltage switching up to 10kV
- ❑ HV relays for Medical, ATE and HiPot applications
- ❑ Radio Frequency carry current up to 20A @30MHz
- ❑ Radio Frequency isolation up to 15kV
- ❑ RF relays for Antenna Tuning
- ❑ Custom design facility



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