



**ARDORVIS  
TECHNOLOGY**

Part of the Heat & Power Group

**Phone:**  
+44 (0) 1142 202224

**Address:**  
3 Grey Lane  
Witney, England  
OX28 1FN

**Email:**  
[info@ardorvis.com](mailto:info@ardorvis.com)  
[accounts@ardorvis.com](mailto:accounts@ardorvis.com)  
[management@ardorvis.com](mailto:management@ardorvis.com)  
[legal@ardorvis.com](mailto:legal@ardorvis.com)  
[sales@ardorvis.com](mailto:sales@ardorvis.com)

Company Reg No. 06649410  
VAT Number: GB467050590

[www.ardorvis.com](http://www.ardorvis.com)

## Instrumentation and Electrical Components for Industrial Applications

At Ardorvis Technology Ltd, we supply, specify, and support a wide range of industrial-grade instrumentation and electrical components tailored for process automation, performance monitoring, and electrical distribution. Whether you're operating in energy, biogas, manufacturing, utilities, or heavy industry, we provide robust solutions for reliable measurement, control, and electrical integration.

We partner with globally trusted manufacturers to ensure accuracy, repeatability, and compliance—even in harsh or safety-critical environments.

### Our Key Product Categories:

#### Variable Speed Drives (VSDs) & Variable Frequency Drives (VFDs)

Optimise motor performance, improve energy efficiency, and reduce system wear with our range of VSDs/VFDs. We offer both open- and closed-loop drives suitable for:

- Pumps, fans, and compressors
- Process skids and OEM systems
- Harsh environments with IP66/NEMA 4 enclosures

**Brands we supply:**  
**WEG, ABB, Siemens**

#### Electrical Hardware

We provide reliable electrical components for low and medium voltage applications, including:

- Contactors, relays, overloads, and starters
- Enclosures and control panels
- Terminal blocks, MCBs, and cabling
- Isolators and switching gear

Everything is selected to suit your power distribution, safety, and automation needs, from ATEX-rated field terminals to integrated MCC panels.

#### Pressure Instrumentation

High-performance pressure sensors and transmitters for:

- Absolute, gauge, and differential pressure

- Corrosive, slurry, or gas-phase media
- Process-critical applications (e.g., gas compression, filtration skids)

**Brands we supply:**

Emerson Rosemount, Endress+Hauser, ABB, Siemens

## Temperature Measurement

Accurate, repeatable temperature monitoring is vital for quality and safety. We supply:

- RTDs and thermocouples
- Head-mounted and DIN rail temperature transmitters
- Wireless temperature monitoring (where cabling is impractical)

Our instrumentation is suited for food, pharma, chemical, and energy sectors with compliance to SIL, 3-A, or EHEDG standards where required.

## Gas Detection & Analysis

Ensure safety and process integrity with fixed-point gas detection and continuous gas analysis systems. We support:

- Gas Analysis
- CH<sub>4</sub>, CO<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>S, and VOC detection
- Combustion and flare gas monitoring
- Environmental and workplace air quality compliance

**Applications include:**

Upgrader skids, anaerobic digestion plants, confined spaces, and compressor stations.

**Brands we supply:**

Emerson (Net Safety), Endress+Hauser, ABB, Drager, Simtronics, Michell

## Software, Controls Design & Automation Support

Our in-house team delivers integrated software and controls solutions, including:

- PLC/HMI programming (Siemens, Allen Bradley, Schneider)
- SCADA and remote telemetry
- Custom control panel build and FAT testing
- Troubleshooting, upgrades, and remote support
- Modbus, Profibus, Profinet, and Ethernet/IP communication integration

Whether it's standalone control or part of a distributed system, we help you reduce downtime, improve safety, and meet your automation goals.

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## **Why Choose Ardorvis?**

- Expert specification and supply, from component to full skid integration
- In-house technical support and system design expertise
- Field-proven brands and robust product selection
- Strong presence across the UK, Europe, and global industrial markets
- Quick turnaround on stock and spares, including replacement/retrofit solutions

For engineered instrumentation solutions or electrical component support, contact us today. Whether you need a single sensor or a fully integrated control panel, our team is ready to support you from concept to commissioning.