



SENSING AND CONTROL

**Part Innovation.
Part Engineering.
Total Solutions.**

Engineered Excellence

For innovation that's well apart, there's only Honeywell Sensing and Control (S&C).

With more than 50,000 products ranging from snap action, limit, toggle and pressure switches to position, speed, pressure, torque and airflow sensors, Honeywell S&C has a product to meet any industry's requirements, any company's needs.

But an impressive product line is only one part. We bring to bear engineering expertise and value-added capabilities no other company offers. While our switch and sensor solutions meet a wide array of basic and complex applications, our custom-engineered solutions offer enhanced precision, repeatability and ruggedness for each industry of our expertise:

Aerospace and Defense, Industrial, Medical, Test and Measurement, and Transportation

- Global service and sourcing
- Industry-leading engineers
- Value-added assemblies and solutions
- Construction to your needs

Honeywell S&C is the one-stop, full-service, globally-competitive answer. That's why we're unparalleled as the gold standard and unquestioned as your best value.



Aerospace and Defense

When it's mission critical, you can't have a supplier flying blind. That's why our half-century of expertise in aerospace, avionics and defense is indispensable.

Honeywell-patented technologies and engineered excellence delivers electromechanical systems — from discrete components to pilot interface and cockpit controls — with unmatched flexibility and value. We develop custom solutions and key switching and sensing products for the widest range of customers, including all major aircraft OEMs to foreign and U.S. government agencies. What's more, our integrated supply chain and global footprint can optimize any order, whether it's one piece or a full-system design.

We also provide turnkey software and electronic and system integration for the most complex requirements — resulting in components with smoother performance, flexible packaging and superior reliability.

Utilize Honeywell S&C industry relationships, and let our project engineers create custom-crafted aerospace and military-qualified technology for you. Whether you've known us as Bendix, Sperry, Elmwood, MICRO SWITCH™, Courter or AlliedSignal, you've known us as the unquestioned leader. Trust Honeywell, in the air and on the march.

Our centrally located Boyne City facility provides full life-cycle support for every product or construction, including repair and overhaul services, technical publications, Aircraft On-Ground support and spare sales, plus sustained engineering and customer assistance.

Technologies:

- Operator interface
- Pressure sensors and switches
- Position sensors
- Torque and force sensors
- Environmentally-sealed switches
- Pilot controls
- Cockpit indicators

Potential Applications:

- Flap selectors
- Overhead and panel switches
- Doors and slides
- Thrust reversers
- Gear
- Bomb and missile racks
- Flight surface feedback
- Repair and overhaul
- Armored ground vehicles
- Ordnance
- Marine
- Lighting for military ground vehicles



Industrial

From the factory floor to the furthest distribution center, who keeps more global enterprises industrious? Only Honeywell.

Our breadth of components, standard interfaces and made-to-order engineering offers unmatched value down the line — powerful solutions for any industrial need. Enhanced accuracy, accountability and durability are built into every part or construction, improving output and endurance. Honeywell solutions are also flexible, tailored to exact specifications — for stronger performance, longer productivity and increased safety. And it all adds

up to reduced expenditures and operational costs.

Whether working with OEM customers for customer-specific designs or delivering aftermarket support worldwide, Honeywell offers the perfect combination of muscle *and* mind.

Technologies:

Basic switches • Standard limit switches • Safety switches • Explosion-proof switches • Harsh-environment limit switches • Position sensors • Potentiometers • Pressure sensors

Potential Applications:

Manufacturing equipment • Material handling • Condition monitoring and feedback sensing • Energy and power • Appliances • HVAC



Honeywell MICRO SWITCH Corporation (the inventors of the original MICRO SWITCH™) became Honeywell Sensing

and Control in 1999, reflecting a more robust product line. But after three-quarters of a century of service, the durability and efficiency of the Honeywell MICRO SWITCH is still astonishing by any standard — and Honeywell now manufactures 120 million switch-based products each year. Simple, superior, irreplaceable — the MICRO SWITCH cycles on. And on.

Medical

The line of products you need.

The lineup of solutions you demand.

For reliability down the line, Honeywell is the choice.

Whether it's ventilation solutions, diagnostics and dialysis equipment, portable infusion pumps, or even anesthesia and apnea monitors, an innovative solution from Honeywell S&C can provide longer product life and greater accuracy.

Honeywell offers the medical industry the strongest major medical and equipment connections, leading technology platforms, the smartest solutions and the savviest engineers ready to solve your problem with expert technical support — all on demand. For a healthy relationship, team with Honeywell S&C.



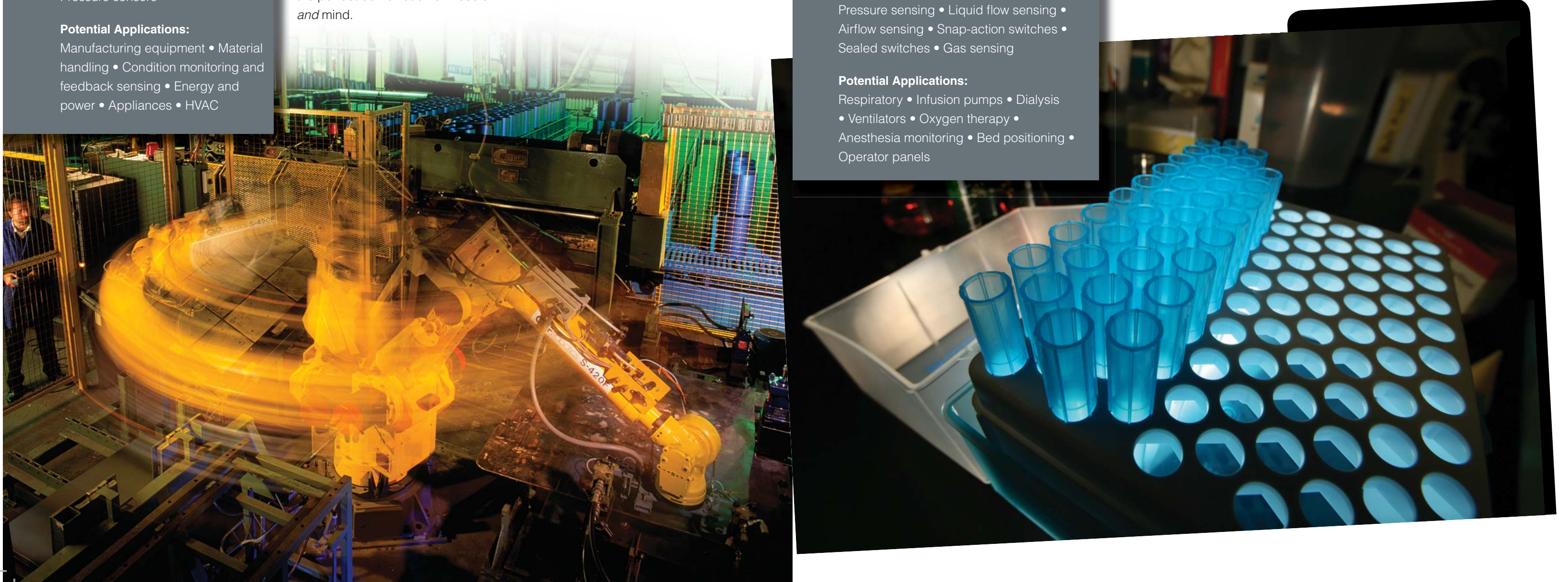
Our 20PC sensor offers temperature-compensated circuitry in a compact package and surface mount capability. Its unique size maximizes board space and ensures application flexibility while withstanding the flow soldering process for oxygen conservers, infusion pumps, blood glucose systems and other related devices.

Technologies:

Pressure sensing • Liquid flow sensing • Airflow sensing • Snap-action switches • Sealed switches • Gas sensing

Potential Applications:

Respiratory • Infusion pumps • Dialysis • Ventilators • Oxygen therapy • Anesthesia monitoring • Bed positioning • Operator panels



Test and Measurement

Need enhanced reliability and accuracy in your lab? In your industrial warehouse? In your hazardous environment?

Does your application involve a vacuum? Ten G or 3 million lbs.? More or less?

Whether it's electrical current, pressure sensors, torque or load cells, accelerometers, LVDT, instrumentation, differential pressure, wireless telemetry — anything — we're your source for every pressure and force measurement application. If you need one unit or several thousand, Honeywell helps you achieve your measurement goals worldwide. Our line of products offers the perfect solutions — from catalog, off-the-shelf components to fully-customizable systems.

Honeywell S&C can help the automotive, oil and gas, and semiconductor industries pass any test (or measurement) with flying colors.



Our precise miniature load cells meet any environmental, compression, clearance or space need. It's all part of our unprecedented expertise in the packaging of load sensor technology, and it's infused throughout one of the industry's most comprehensive product lines of strain gauge and silicon based transducers.

Technologies:

- Load cells • Pressure • Differential pressure • Torque cells • Torque watch gauges • LVDT (accelerometers, digital gauges) • Instrumentation • Wireless telemetry

Potential Applications:

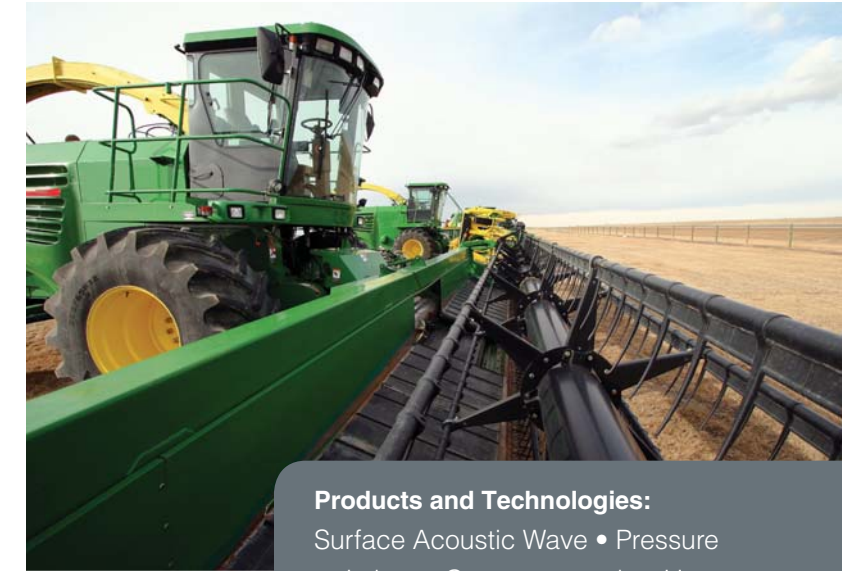
- Automotive testing • Custom engineering • Oil and gas exploration • Aerospace testing

Transportation

Honeywell is driven to transform the industry with every part and every composition we create.

Our transportation solutions are customized to exacting specifications, yet flexible to every need. Designed to withstand harsh environments, including the most competitive marketplace. From high-intensity discharge lighting, pressure sensors, custom controls, lighting meters and key switches to anything you need for backhoes, military ground equipment, tractors, snowmobiles, dump trucks or most any off-highway vehicle — including custom control solutions for ag construction and sport vehicles.

On or off highway, put your trust in a company with the drive and innovation to put it together better. A company always focused on a safer, more secure world.

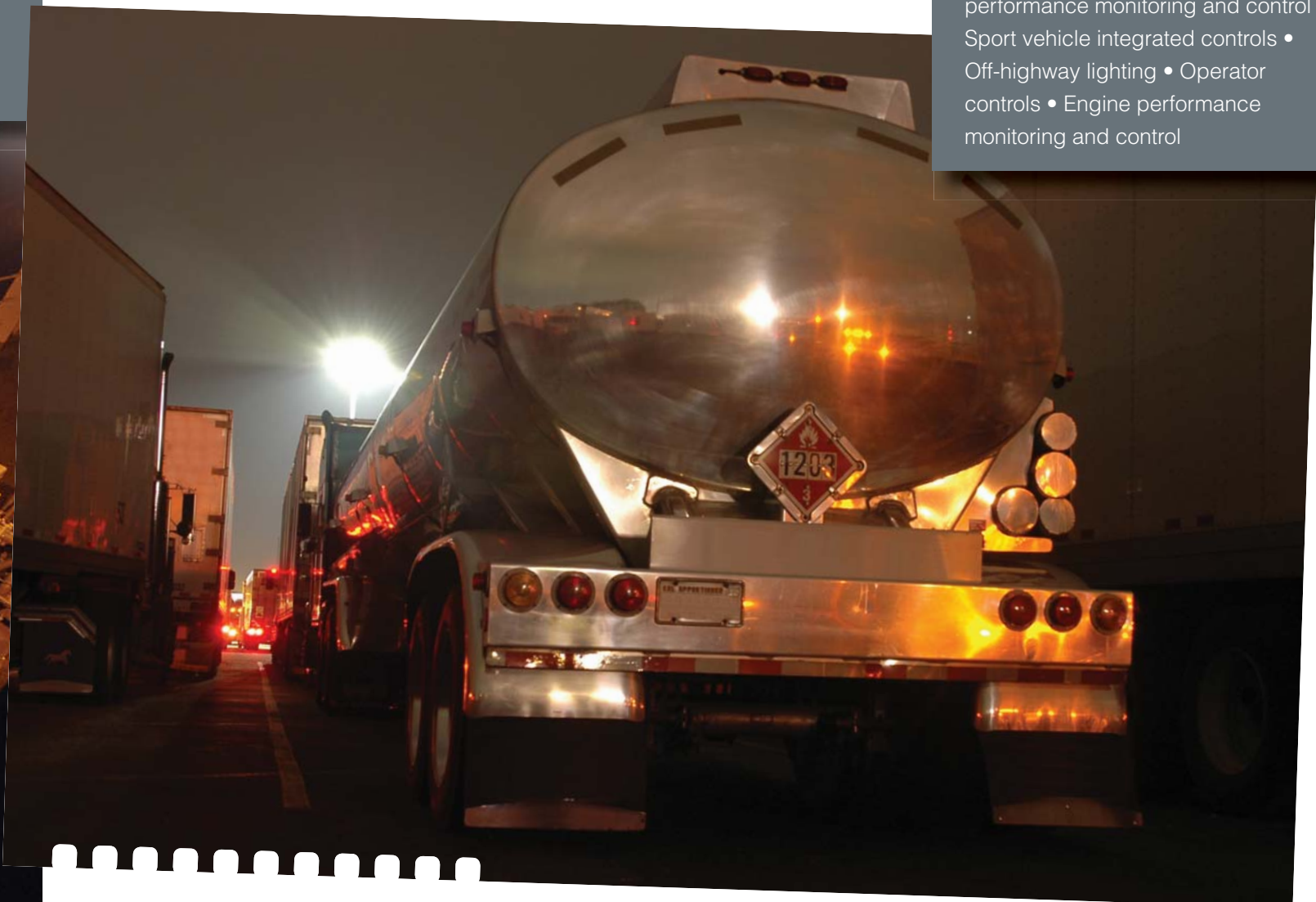


Products and Technologies:

- Surface Acoustic Wave • Pressure switches • Custom controls • Hour meters • Speed and position sensors • Temperature sensors • Pressure sensors • Torque sensors • Lighting solutions

Potential Applications:

- On- and off-highway vehicle performance monitoring and control • Sport vehicle integrated controls • Off-highway lighting • Operator controls • Engine performance monitoring and control



Customers know Honeywell by two simple words:

“Problem solved.” Our corporate tradition of delivering quality and innovation is infused throughout Honeywell Sensing and Control, a global leader in cost-effective, problem-solving sensor and switch solutions.

For more information about Sensing
and Control products, visit
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