

WHAT WE OFFER?

We understand
the challenges,
but our
commitment is
your solution.

By working with us,
you will have access
to a reliable partner for
your **hydrogen growth**.

Our team is ready to
embrace the hydrogen challenge.
We offer full support:



IDEA

We recognize that
behind every idea
there is a
customer with a
need to fulfill.



CO-DESIGN

We collaborate with
you from the first idea.



PROTOTYPING

We transform ideas
into working
prototypes.



PRODUCTION

With our know-how,
we take your vision
from large-scale
production to
customized
solutions.



THE PATH TOWARDS A SUSTAINABLE FUTURE

HYDROGEN IS THE MOST ABUNDANT ELEMENT IN THE
UNIVERSE.



HYDROGEN

Hydrogen, a key element of
the universe, is the answer
to a sustainable future.



APPLICATIONS

We explore the applications
and investment in
hydrogen, opening the
doors to a greener world.



GREEN CHOICES, BLUE INVESTMENTS

Choose our expertise in
hydrogen for a sustainable
future. With innovative
solutions and a
dedicated team, we lead the
way towards a
greener world.

MAIN APPLICATIONS

SUSTAINABLE MOBILITY: HYDROGEN FUEL CELLS
FOR ZERO-EMISSION VEHICLES.

CLEAN INDUSTRY: REDUCTION OF EMISSIONS IN
PRODUCTION PROCESSES.

RENEWABLE ENERGY: EFFICIENT STORAGE AND PRODUCTION
OF GREEN ENERGY.

ECO-FRIENDLY HEATING SOLUTIONS: CONTRIBUTING TO A HEALTHIER
ENVIRONMENT.

GENERAL INFORMATION

CEME Group and its Brands, with extensive experience in the industrial sector and constant technological research and innovation have propelled CEME Group to a leading position in the development of solenoid valves and other valves and solutions for the fluid control. Our product range has been meticulously crafted in accordance with our founding principles: quality, flexibility, and reliability. With a blend of tradition, experience, and innovation, we stand prepared for the challenges and opportunities of tomorrow. **WE ARE READY FOR THE FUTURE.**



CEME offers a wide range of certified solenoid valves for critical fluid control applications and is a reference for many markets such as coffee, home appliances, Sanitary, beverage, HVAC, Medical, automotive and industrial.



ULKA is the undisputed market and technology leader for solenoid pumps. ULKA pumps are setting the standards for all the major brands of coffee machines and many other critical applications, in the beverage, HVAC and medical.



Since 1960 **ODE** has been providing customized designs and production of solenoid valves for manu-

facturers and system integrators following our fundamental principles of quality, adaptability and reliability.



ACL is manufacturing a wide range of solenoid valves in different versions since 1987. ACL's expertise is testified by the large number of customers worldwide, which are acting in all the industrial fields where the control of fluid is necessary.

PROCON

PROCON provides new pumps to manufacturers and end users for systems that require transferring clean liquids at pressures up to 17 bar and flows up to 41 liters per minute. Furthermore, PROCON and its products are highly responsive to our customers' changing requirements.

MICROPUMP

MICROPUMP specializes in OEM and industrial pump applications where precise fluid control is required, offering standard models, configure-to-order options and customized solutions. Partnering with a global network of distributors and with sales offices in Europe and Asia, MICROPUMP provides comprehensive support, expertise and product availability.

HYDROGEN INNOVATION

A Sustainable Future

CONTACT INFORMATIONS

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PRODUCTS FOR APPLICATIONS



PRESSURE SENSORS

Pressure transducers generate an electrical output signal proportional to the inlet pressure. The ceramic sensor detects the pressure of the most common fluids: air, water, gas, steam and light aggressive media. PT Series fulfil the requirements of the EMC Directive.

CONNECTION G 1/4, 1/4 NPT
PRESSURE 1-400 bar



PROPORTIONAL SOLENOID VALVES

Proportional valves with solenoid or stepper motor acting for gases and liquids, suitable for a wide range of working pressures and temperatures. Proportional solenoid valves ensure 100% duty cycle and IP 65-67 electrical protection. Stepper motor valves guarantee a faster and more accurate control of fluids compared to standard proportional valves. Low hysteresis effects.



ON/OFF SOLENOID VALVES

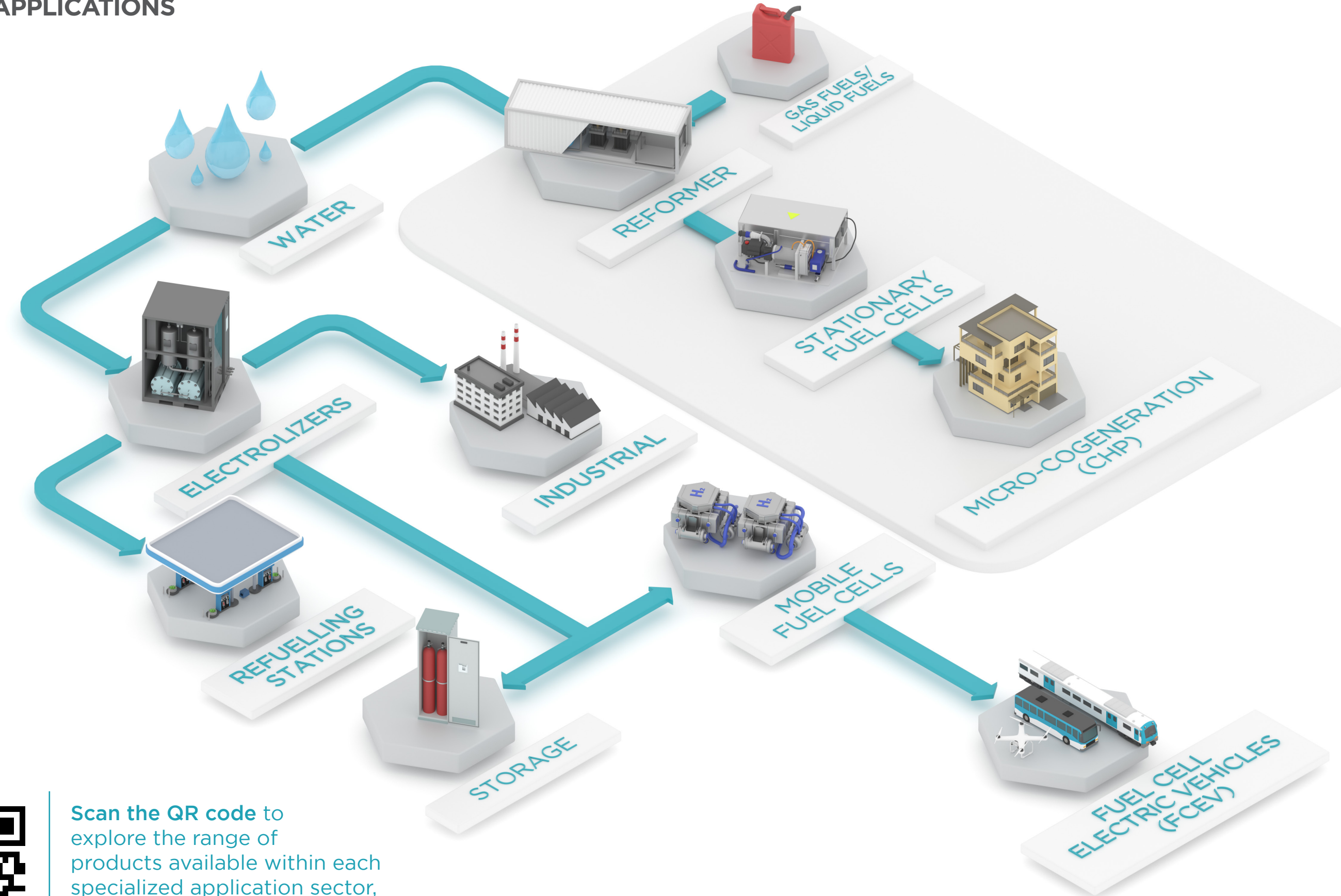
Direct Acting Solenoid Valves designed for seamless fluid interception, these valves are compatible with various construction materials. With no minimum operational pressure required, they offer unparalleled reliability and durability, proven through rigorous testing. Additional certifications, such as ATEX and others, are available upon request.



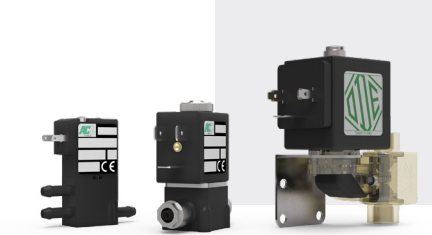
PILOT SOLENOID VALVES

A wide range of 3-way direct acting solenoid valves with reliable and proven design for high performance and available in different body materials: brass, stainless steel and PPS.

HYDROGEN APPLICATIONS

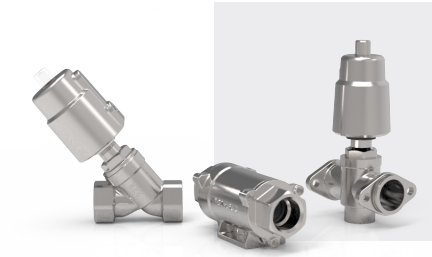


Scan the QR code to explore the range of products available within each specialized application sector, tailored to meet the unique demands of hydrogen-related industries.



TOTAL SEPARATION VALVES

Solenoid valves particularly suitable for the proper handling of aggressive or non-contaminable fluids. The fluid is solely in contact with the valve body and the isolation elements, hence free from any kind of chemical contamination. Particularly suitable for applications in the chemical and medical environments. Available in different materials: technopolymer, stainless steel and aluminum.



PNEUMATIC VALVES

A range of angle-seat or in-line pneumatically actuated valves made from high-quality, corrosion-resistant materials. A complete series of 2-way and 3-way valves available in normally closed, normally open and double-acting configurations, with above/below seat flow direction.



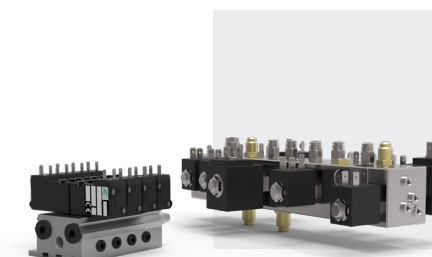
WATER VALVES

The new CEME Group solenoid valves for the water management are 2/2 way pilot valves with a Ø11 mm size and a PA66 body. They can operate within pressure ranges of 0.1 to 10 bar. Versions with snap-action and low consumption with cable connectors are available.



PUMPS

Wide range of pumps: solenoid pumps, from 2.5 to 20 bar, certified by VDE, CE, UL, and NSF, suitable for various industrial applications; rotary vane pumps, available in brass, steel and technopolymer PPS, come in sizes from 50 l/h to 500 l/h, with a maximum pressure of 17 bar; peripheral pumps suitable for use with water and low corrosion/abrasion fluids, making them ideal for cooling circuits; gear pumps designed for efficiency and reliability, they are self-priming, maintenance-free, and made of durable stainless steel, offering low vibration and pulsation characteristics.



INTEGRATED MANIFOLD

Integrated plug-and-play systems made from various construction materials such as aluminium, stainless steel and technopolymers. Thanks to their compact design, these solutions make it possible to combine space-efficient footprint with robust seal capacity and ease of installation and maintenance.