

## MAXON FUEL SHUT-OFF AND VENT VALVES

Heavy investment in the Australian coal seam gas and LNG sector has seen Australian company Techrite Controls Australia supply valves for a variety of gas applications.

OVER THE PAST three decades, Techrite has earned an excellent reputation in design and supply of gas safety controls and combustion equipment for process heating, process engineering, gas engines and turbines.

Following increased investment in the Australian oil and gas sector, Techrite has been commissioned by major gas production operators to supply AS-approved, hazardous area-approved and SIL 3-rated shut off and vent valves for applications such as gas plants, gas conditioning skids, gas compression stations and gas-fired power generation packages.

Techrite can meet custom specifications for shut off and vent valves with the Maxon Series 8000 air actuated valves.

### THE MAXON SERIES 8000

Maxon Series 8000 air actuated valves combine a unique space-saving design with a maintenance-free bonnet seal and a replaceable actuator for easy installation and smooth, trouble-free operation. The valve's quick exhaust and powerful closing spring provide valve closure in less than one second and reliable, long-life operation.

### DESIGN YOU CAN RELY ON

The Series 8000 valve's compact design simplifies piping design and minimises space requirements. The field-replaceable actuator provides easier maintenance and reduced downtime. Cast iron, carbon steel and stainless steel body assemblies feature metal-to-metal seating. Valve bodies are available in a choice of threaded, flanged, and socket-welded connections. Bodies are currently available in 20–150 mm diameter sizes.

Maxon valve bodies are designed in accordance with many ASME/ANSI piping and valve standards. Fire-safe valves are offered with carbon steel and stainless steel body and bonnet materials. Fire-safe trim options feature a stainless steel seat, disc and follower, preserving the high quality Maxon metal-to-metal seating and providing tight shut-off.



ABOVE: The Maxon 8000 flanged valve.

SIL 3 provides easy design for safety instrumented systems in the IEC 61508 and 61511 processes. The product has received AGA, CSA, CE and IEC-Ex approvals for use as a fuel safety shut-off valve, making easy integration with worldwide certifications.

Techrite can meet application requirements with product solutions to improve process reliability, increase safety, increase product quality, and reduce emissions and fuel consumption.

Techrite is a specialised product solutions provider to the Australasian gas industry. Techrite's product portfolio extends from process burners, shut-off valves, valve trains, pressure switches, pressure control valves, gas filters and liquid drainers, slam-shut valves and relief valves. Key solution partners include Dungs Combustion Controls, Maxon (a Honeywell company), Giuliani Anello, APO, Parker Hannifin, and Fenwal Ignition & Fire Protection Controls. **GT**

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# TECHRITE

Gas Safety Controls & Combustion Specialists

Celebrating 25 Years in the Gas Industry

## DUNGS®

Combustion Controls



### Products and Solutions for

- Process Heat
- Process Engineering
- Gas Engines and Gas Turbines



### Product Solutions:

- Process burners
- Valve trains compliant to Australian gas industry standards
- Gas safety shut off valves (Electro-Mechanical and Electro-Pneumatic type)
- Ball valves
- Gas filters, strainers and liquid drainers
- Pressure control valves – over and under pressure protection
- Slam shuts and relief valves
- Air/Gas ratio controls
- Pressure switches for air and gases
- Leakage detection systems
- Solutions for all gas types: natural gas, coal seam, LPG and biogas
- Burner management system (BMS) Panel
- AS certified components

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