

# Thompson Valves

Maxseal Instrumentation Controls



**Zone 0**  
**IC02S**

**Zone 1**  
**IC03S**  
**IC04S**

**Zone 2**  
**IC04N**



## Maxseal



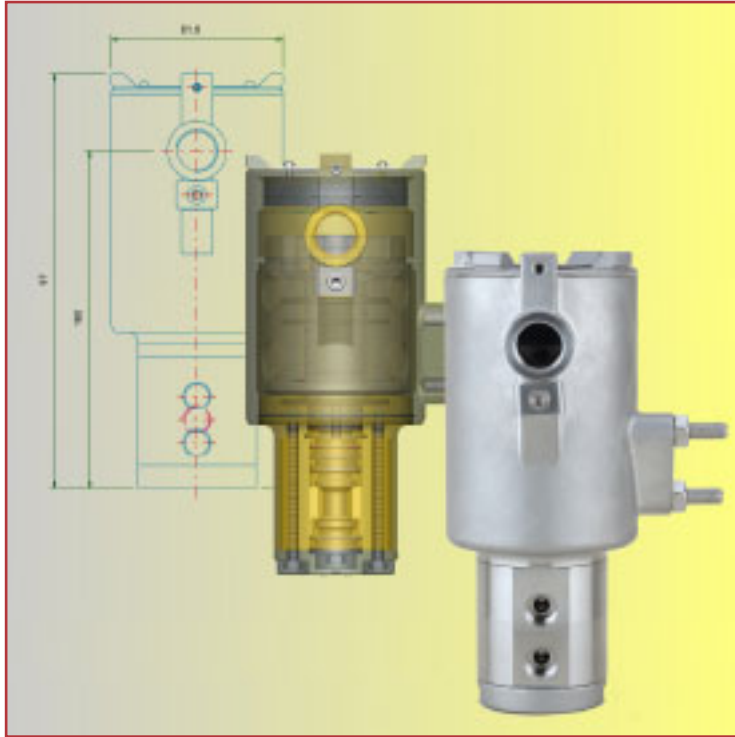
Maxseal is a name traditionally associated with process management in the most exacting environments, from the North Sea to South-East Asia, through North Africa, South America and the Middle East. Indeed, Maxseal instrumentation solutions have a proven track record of safety and reliability.

[www.thompson-valves.com](http://www.thompson-valves.com)

# Maxseal ICO4S - Market Leader in Instrument Changeover

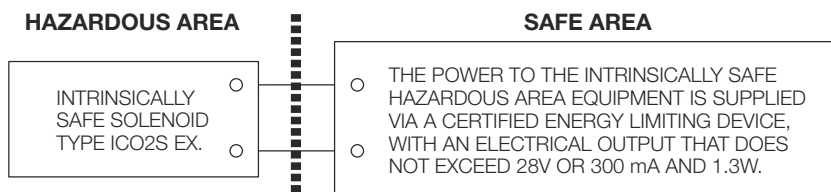
The famous 1/4" or 1/2" stainless steel, 3-port, direct-acting ICO4S solenoid valve for instrument changeover duties offers the offshore and petrochemical industries a uniquely reliable and heavy-duty unit.

The range includes 2 and 5-port configurations, as well as ICO4N and ICO4P variants for specific applications.



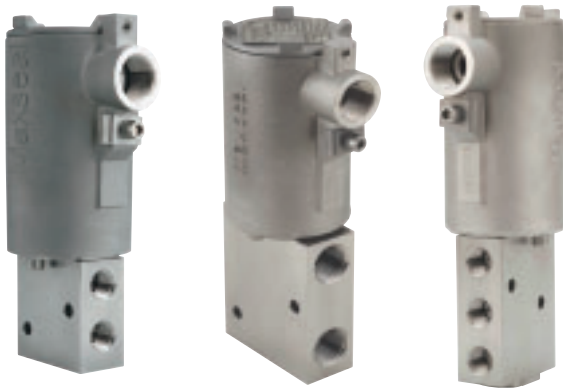
# Maxseal ICO2S - Reliability and Long Life in Hazardous Area Applications

Intrinsically safe, pilot-assisted solenoid-operated valves for the control of either pneumatically or hydraulically actuated equipment.



## Maxseal ICO3 - Compact Lightweight Low-Power High-Force Modern Solutions

■ A compact, lower power and reduced weight unit, specifically geared to today's requirements in the oil and gas and petrochemical industries. With its dual-certified solenoid magnetically fine-tuned to operate a 1/4" valve at 2W, yet retaining the traditional Maxseal generous operating forces and safety margins, the ICO3 is typically suited to applications such as emergency shutdown systems (ESD).

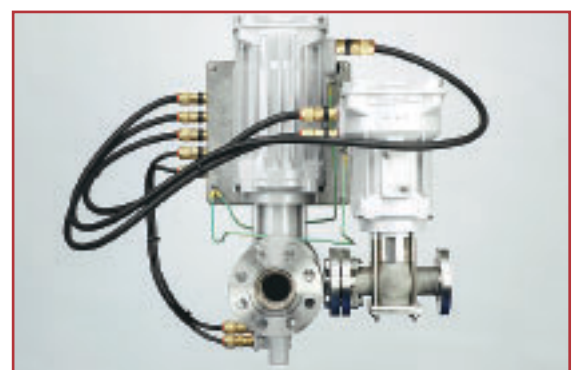


- Direct-lift, balanced and universal poppet valve design
- NACE compliant 316 stainless steel enclosure and valve assembly
- Standard HNBR seals or other options
- Continuous duty class H coil
- IP66/X8
- 0-12 bar gas and hydraulic media
- Low-power 2W/24V DC solenoid
- Fast 80 ms pull-in and 60 ms drop-out
- Cv 0.6
- Lightweight 2 kg
- -50 to +90°C
- Surge suppression diodes fitted

## Maxseal SOV - Instrument Changeover and Process Control for Hazardous Areas

■ Direct-acting solenoid valves certified for hazardous area use as well as general air, gas and liquid handling in oil and gas and petrochemical applications, including gas turbine fuel-supply control and the water industry.

- 1/2" to 4" connections
- Flanged or threaded
- Up to 207 bar (3000 psi)
- Position indicator

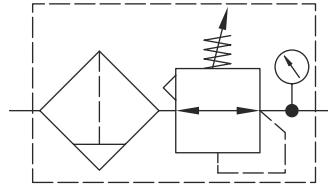
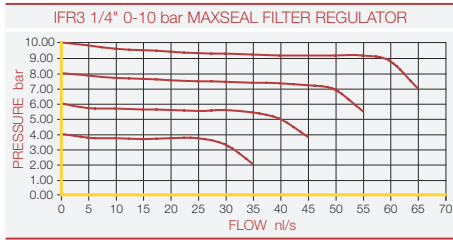


**Maxseal**



# Maxseal IFR3 & IFR4 Filter-Regulators - A Tradition of Integrity

- Maxseal all stainless steel 1/4" - 1/2" IFR3 and IFR4 instrument filter regulator series for accurate pressure control with manual or automatic drain function.

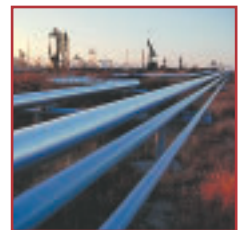


VALVE SYMBOL  
(SELF RELIEVING WITH  
MANUAL DRAIN & GAUGE)



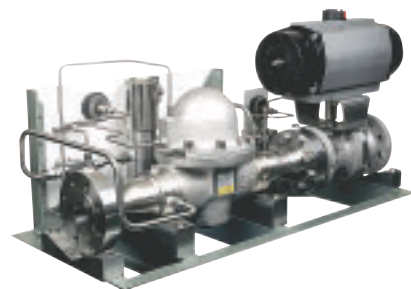
## Maxseal Ancillary Equipment

- Relief valves
- Quick exhaust valves
- Manual valves
- Air operated valves



## Maxseal Custom Packages

- The Thompson Valves design and manufacture capability offers, in addition to solenoids and accessories, purposeful assemblies featuring IVP and Maxseal pressure and flow controls. Typically, these include manifolds for actuator control, skids and actuated valve packages.





# Maxseal - An Outstanding Track Record

- Thompson Valves Ltd is internationally renowned for the high technical added value of strong dedicated brands such as Maxseal solenoid valves and IVP pressure regulators.

They are specified and trusted for their performance and reliability in exacting applications all over the world.



## Talk to Us

- Thompson Valves Ltd  
17 Balena Close  
Creekmoor  
Poole  
Dorset BH17 7EF  
ENGLAND  
Tel: +44 (0)1202 647331  
Fax +44 (0)1202 647302

- [maxseal@thompson-valves.com](mailto:maxseal@thompson-valves.com)  
[www.thompson-valves.com](http://www.thompson-valves.com)

A fluid controls business of IMI plc



Thompson Valves reserves the right to amend product specifications or designs without notice. Information is given in good faith and no liability can be accepted for error or omission.



# Maxseal

