



NAMUR Mounted Solenoid Valve

Description

Solenoid valve designed for direct mounting onto 1/4 turn pneumatically operated valve actuators meeting 'NAMUR' standard fixing dimensions. Value engineered for single-coil, safe area applications.

Features

- Top face air connection.
- 1/4" BSP mains air connection and exhaust ports.
- Integrated Exhaust to Spring (ETS) feature in 3/2 position.
- Screwdriver override as standard.

Conversion Facility

- Built in 3/2 to 5/2 function conversion facility for spring return and double acting actuators respectively.



Product Code:



Voltage Code:

A	12v DC	R	24v AC(50/60 Hz)
B	24v DC	T	110v AC(50/60 Hz)
C	48v DC	U	240v AC(50/60 Hz)



RGS is the leading British manufacturer of high quality solenoid valves. For over 45 years RGS has developed the technical expertise and market knowledge necessary to meet the demands of the process control industry.

With design, development and production under one roof, RGS is both efficient and responsive to customers' needs.

Responding quickly to market needs and sometimes driving industry developments contribute to RGS's unique position in the valve actuation industry.

Material Specification	Standard
Body	Black Anodised Aluminium (Dural)
Spool	Hard Anodised Aluminium PTFE impregnated
Spacers	Glass filled Acetal
Seals	Nitrile
Spring	Stainless Steel
Mounting screws	Stainless Steel
Change over plate and end caps	Nylon 66 30% glass filed
Gasket	Nitrile

Valve Specification	Standard
Port connection size	1/4" NPT
Working pressure	2 to 8 bar
Cv factor	1.2
Flow rate (@ 6 bar with 1 bar pressure drop)	675 l/min
Maximum ambient temperature	+80°C
Minimum working temperature	-10°C

Coil Type	MC30 Plug & Socket
Area class	Safe
Area category	N/A
Ingress Protection	IP65
Cable entry	PG.9
Ambient temperature	-10°C to 80°C
Coil class	Wire class H, other parts Class F



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Solenoids

Cat 1 approved: **EX II I GD** Intrinsic Safety Solenoid (EExia IIC T6). Available in five versions, all approved to SAA standards.



Cat 2 approved: **EX II 2 GD** Flameproof and Encapsulated Solenoids (EExd IIC T4/T6 and EExm II T5 Ex me II T5). Approved to IECEx standards (*as per Clause 2.6.1 of AS/NZS 2381.1:2005*) for any gas hazard classified as either a Cat 2 or Cat 3 area, where an explosive atmosphere will occur intermittently in normal operation.



Standard coil with terminals

Safe Area: General purpose solenoids (IP65 and IP66). Suitable for installation in non-hazardous areas and designed to operate in any inclement environment.



Standard coil with MC30 Plug & Socket

Solenoids Valves

Namur mounted: 1/8" and 1/4" interchangeable 3/2 or 5/2 Namur mount solenoid valves. All valves automatically incorporate the "Exhaust to Spring" (ETS) feature in the 3/2 mode. Dual coil and 5/3 versions also available.

Remote mount: M5 to 1" 3/2, 5/2 and 5/3 function solenoid valves. Internal or external pilot air feed, single or dual coil arrangements.

Manifold and Gang mount: Arrangements with up to 14 valves per bank, subject to valve size. Manifold banks provide individual valve isolation facility.

Construction Options: All namur, remote and manifold mount solenoid valves are available in stainless steel as well as aluminium

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