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## G Series direct and indirect acting Solenoid Valves for Industrial and Process applications

Part #: 121G2520-876024-483541P8



G Series is a full range of direct and indirect acting solenoid valves, normally closed and normally open, from 1/2" to 2", offering many sealing materials and different flow rates.

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### Technical Specifications

|                             |   |
|-----------------------------|---|
| Seal Material:              | FKM   |
| Power Supply Voltage:       | 115V 50Hz - 120V 60Hz                                 |
| Port Size:                  | 1/2" G  |
| Flow Coefficient 1:         | 25 l/min  |
| Specifications Met:         | DIN-EN-ISO 23553-1 (2009-10) approved for oil burners |
| Function:                   | Normally Closed                                       |
| Electrical Connection:      | Screw Terminals                                       |
| Coil Specifications Met:    | CE - EAC - Housing 8760                               |
| Minimum Fluid Temperature:  | 0 °C  |
| Actuation Type:             | Direct Operated                                       |
| ATEX Specifications Met:    | -   |
| Maximum Operating Pressure: | 30 bar  |
| Valve Type:                 | 2/2-Way   |
| Port Type:                  | Pipe Mounting   |
| Media:                      | Oils  |
| Seat Material:              | Brass   |
| Orifice Size:               | 14 mm   |
| Flow Coefficient 2:         | 1.5 m <sup>3</sup> /hour                              |
| Minimum Operating Pressure: | 0 bar   |
| Maximum Fluid Temperature:  | 160 °C  |
| Coil Power Consumption:     | 20 W  |
| Coil Temperature Range:     | -40 to 50 °C  |
| Insulation Class:           | H (180°C)   |

[Safety Warning](#)

### Item Information

The G Series direct and indirect acting solenoid valves range includes many options to fulfill the demand of the most challenging applications in Industrial and Process markets. The range is designed to achieve the best in class robustness thanks to the reinforced diaphragm design and stainless steel operator rated for million of life cycles. This product solution can optimize the total ownership costs in a broad range of heavy duty and high demanding applications.

Markets:

- Industrial
- Process

Applications:

- Compressors and air treatment
- Fluid and gas control /handling
- Actuators control in safe or harsh environment includin ATEX
- Water and steam controls
- Oil Burners

Features/Benefits:

- Wide range of electrical parts including VDE, UL and ATEX approvals
- No minimum pressure required for magnalift operated valves
- Long life expectancy

### CAD Drawings + Files

- DWF
- IGS
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