

# Stainless Steel Direct Acting Solenoid Valve

Based on FLAMEPROOF standard, the **DIRECT ACTING SOLENOID VALVE** is spring return and normally closed and available for the operation of single acting pneumatic devices located in corrosive and hazardous (Ex d IIC T6) area. Working pressure from 0 to 8 bar and the working voltage 12-48VDC, 110-240VAC. This solenoid valve mounting special for vertical NAMUR interface.



**sira**  
CERTIFICATION

QA Notification No: SIRA 12 ATEX M526  
Notified Body No: 0518 for Annexes IV and VII



EC-Type Examination Certificate Number: DNV 12 ATEX 13733X  
Notified Body No: 0575

APPROVED BY: CE Ex

## SPECIFICATIONS AND TECHNICAL DATA

### SPOOL BODY

- **Body:** Stainless steel 316
- **Seal:** Buna N
- **Fasteners:** Stainless steel
- **Function:** 3/2 direct acting, spring return, NC, Monostable
- **Orifice:** 1.3mm
- **Flow rate:** 74l/min at 5bar with 1bar pressure drop
- **Manual Override:** on the body
- **Air Ports:** Air ports 1/8" or 1/4" BSP or NPT
- **Mounting:** Namur or Remote mounted
- **Medium Temperature:** -25°C~80°C
- **Working Pressure:** 0~8 bar
- **Working Medium:** less than 40µm filtered and dried air
- **Area Classification:** Ex d IIC T6
- **Working life:** more than 1000,000 cycle (On normal condition)

### SOLENOID COIL

- **Coil Enclosure:** stainless steel (304 or 316)
- **Wiring Connector:** M20-1.5, 1/2" NPT on request Terminal Strip
- **Operating Voltage:** 12/24/48VDC-3.5W, 24VDC-1.5W 110/210/220/240VAC-4VA (50/60HZ)
- **Insulation Protection:** F Class Coil
- **Insulated voltage:** 1000V
- **Duty factor:** 100% ED
- **Area Classification:** Ex d IIC T6
- **Weather Proof:** IP66
- **Operating Temp:** -20°C~60°C

**HIGH QUALITY | EXCELLENT PRICE | WHERE QUALITY COUNTS**

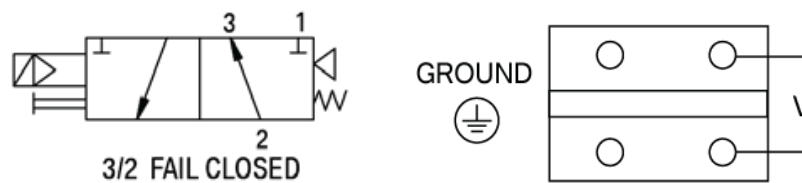
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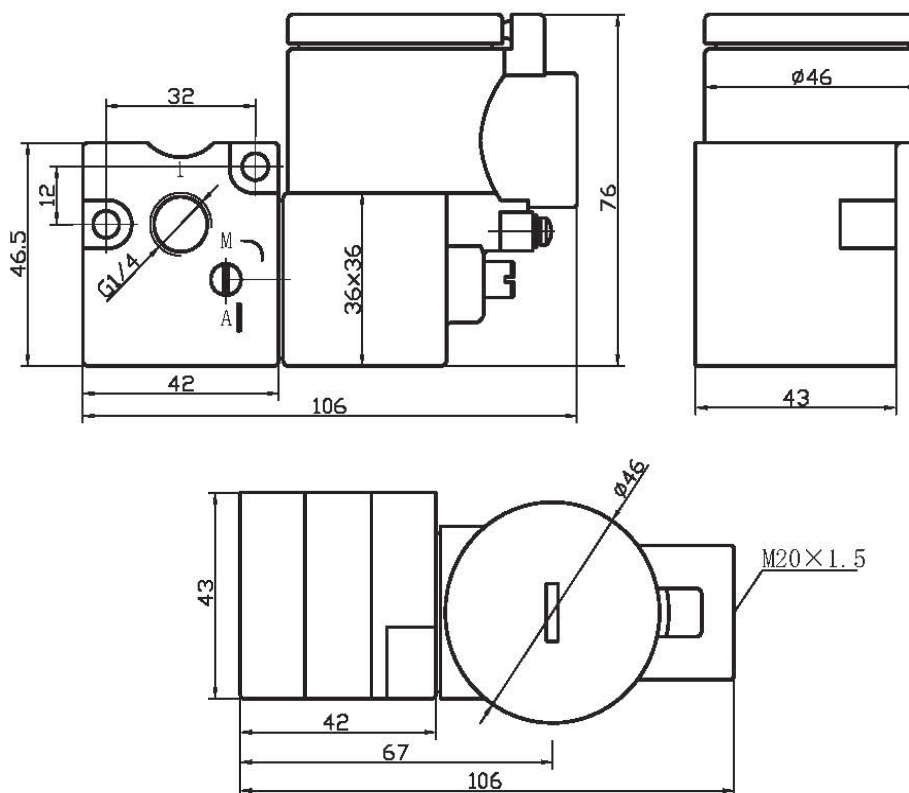
### ■ MAIN FEATURE

1, Manual override on the body; 2, Individual or direct relay mounting; 3, Interchangeable coils for various hazardous area options; 4, Stainless steel exhaust dust caps fitted as standard.

### ■ WIRING DIAGRAM AND OPERATING



### ■ DRAWING & DIMENSION



\*\*\*For continuous improvement of the product, we reserve the right to alter the dimensions, technical data and information included in this data sheet.

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