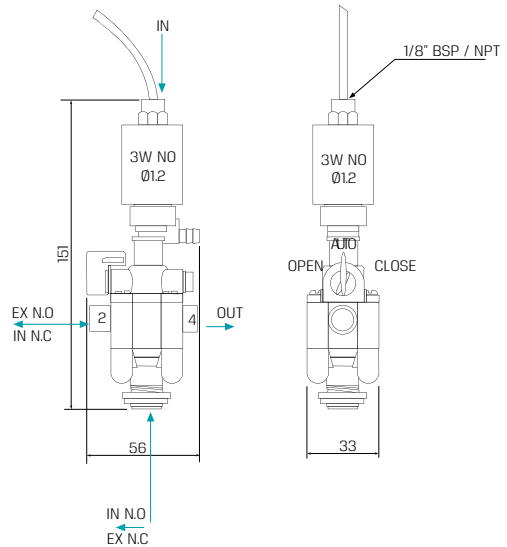


# SOLENOID VALVES

GALIT | 3 Way pilot operated NC, NO



## Technical Data

|                                 |   |
|---------------------------------|---|
| Function                        | 3 Way NC, NO  |
| Ports size                      | 1/8" BSP & NPT  |
| Orifice size                    | 5mm   |
| Pressure range                  | 1 to 10 bar   |
| Temperature range               | <b>Fluid</b> : 5°C to 50°C (no freezing)<br><b>Ambient</b> : -10°C to 50°C  |
| Materials in contact with media | <b>Main Valve:</b><br>Reinforced Nylon<br><b>Solenoid Operator:</b><br>Stainless Steel 300 & 400 series<br><b>Seals:</b><br>NBR<br><b>Spring:</b><br>Stainless Steel AISI 300 series                      |
| Manual override                 | Manual override with 3 positions :<br>• <b>AUTO</b> - for automatic operation (valve is open when solenoid is energized)<br>• <b>MANUAL</b> - valve is kept open<br>• <b>CLOSE</b> - valve is kept closed |
| Solenoid                        | Assembled with 3W NO 1.2mm G75 operator   |
| Coil voltage                    | • Voltage and power consumption - see table   |
| Standard protection class       | IP66  |

## Voltage & Current table

| Solenoid      | Voltage                                | Inrush [A] | Holding [A] |
|---------------|--|------------|-------------|
| 2W 50 Hz      | V <sup>+10%</sup><br>n <sup>-20%</sup> | 0.3        | 0.19        |
| 2W 60 Hz      |  | 0.2        | 0.14        |
| 3W 50/60 Hz * |  | 0.125      | 0.125       |
| DC            |  | 4.5W       |             |

\* Except 24V AC without Diode

## Voltage & Power Consumption

| V  | AC (W) | DC (W) |
|----|--------|--------|
|    | 50 Hz  |        |
| 12 | •      | •      |
| 24 | •      | •      |

• Available options

\* To order valves manufactured according to your specific requirements, please contact our technical sales department

## How to Order

| GALIT | - | PORT        | VOLTAGE <sup>(1)</sup> | MOUNTING BRACKET | WIRES                  |
|-------|---|-------------|------------------------|------------------|------------------------|
|       |   | 1/8" BSP 10 | 24V AC 1               | without 0        | two null               |
|       |   | 1/8" NPT 11 | 24V AC w/out Diode 1R  | with 1           | three <sup>(2)</sup> a |
|       |   |             | 12V AC 3               |                  |                        |
|       |   |             | 12V DC 4               |                  |                        |
|       |   |             | 24V DC 5               |                  |                        |
|       |   |             | 23Ω 6                  |                  |                        |
|       |   |             | 4Ω B                   |                  |                        |
|       |   |             | 9Ω C                   |                  |                        |
|       |   |             | 12Ω D                  |                  |                        |

## Coil resistance vs input voltage range

| Resistance [Ω] | Suitable input voltage range [V] |
|----------------|----------------------------------|
| 4              | 6 - 9                            |
| 9              | 12 - 14                          |
| 12             | 14 - 16                          |
| 23             | 18 - 21                          |

Example : GALIT-1011

GALIT pilot operated, 1/8" BSP, 24V AC with mounting bracket, two wires

GALIT - 10 1 1

(1) For Latch : Refer to coil resistance vs input voltage table  
(2) For Latch only