

## Solenoid Valve Specifications and Dimensions: 2WO040Series

Valve Model	2WO040
Valve Type	2 Way Normally Open (NO)
Action	Direct Acting
Cv (Orifice)	
Operating Pressure	0 to 150 PSI
Operating Temperature	Standard: NBR Seal: -20 to 80°C; Option: Viton Seal: -10 to 120°C
Port Size (NPT)	
Body Materials	Brass
Seal Materials:	NBR (Options: Viton )
Coil Protection Insulation Class	H Class IP65
Coil Duty	100% ED
Coil Power	20W
Electrical Connections	DIN
Service	Air, Gas, Liquid, Vacuum Steam (with Viton Seal)

ALL Standard valves are supplied with CONTINUOUS DUTY COILS of the proper class of insulation for the service indicated on the valve. The coil temperature may become hot after being energized for extended periods, but it is normal. Smoke or burning odor indicates excessive coil temperature and should disconnect the power to the coil immediately.

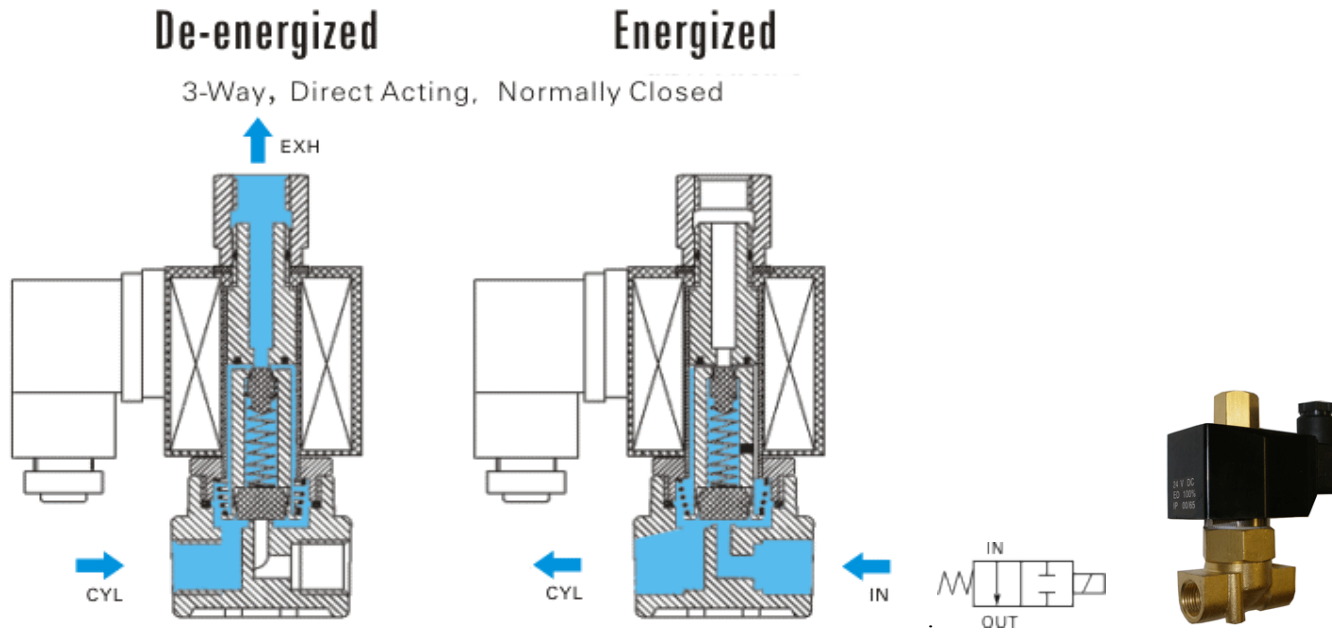
VOLTAGES: Standard: 12-24V DC and 24-110-220-230V/50-60 Hz AC. Voltage tolerances: +10% -5% for DC, +10%-15% for AC; .

SERVICE LIFE: The service life of the solenoid valve depends on the operating conditions such as pressure, temperature, type of medium and the voltage. Normally the STC solenoid valves are reliable for more than 5 million cycles.

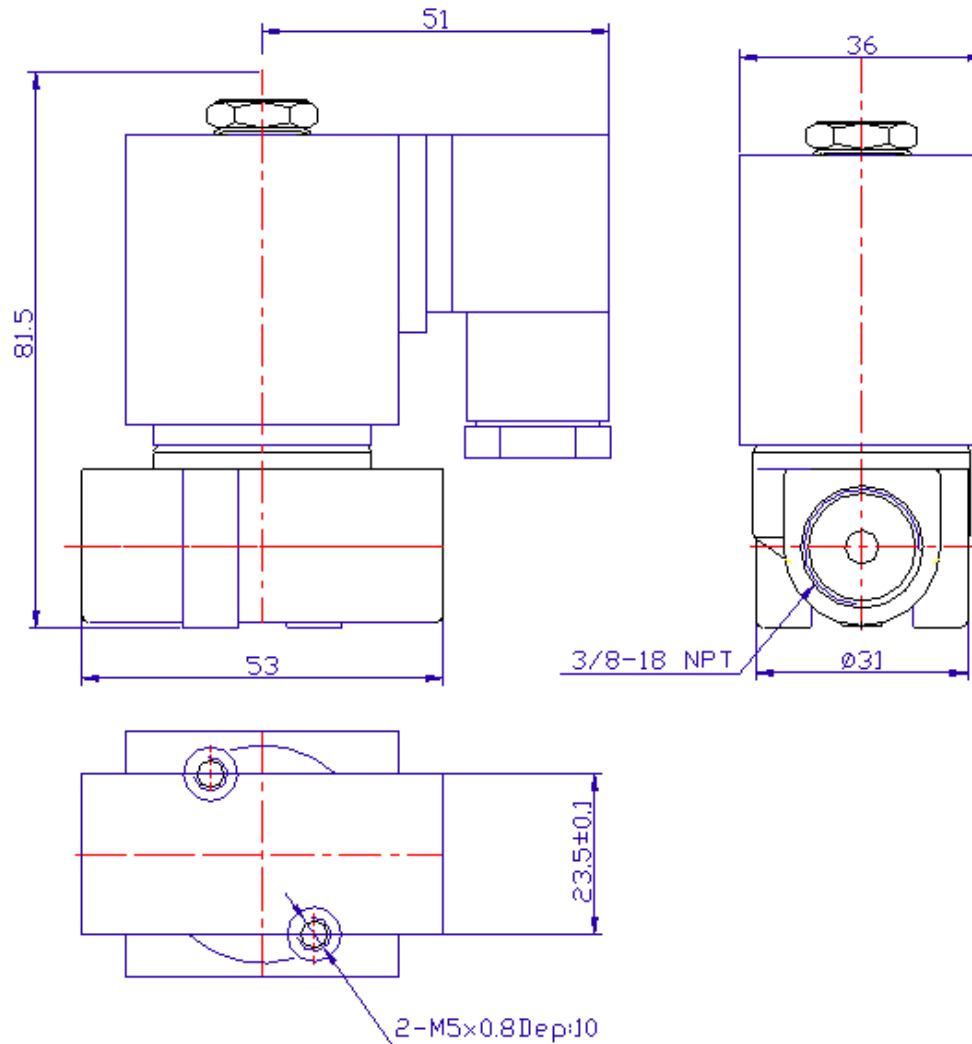
## 2/2 Direct Acting Normally Open (2WO040 Series)

To close: when the valve is energized, it attracts the plunger. Then the plunger covers the main orifice which stops media flow through the valve.

To open: when the valve is de-energized, it releases its hold on the plunger. Then the plunger uncovers the main orifice which allows the flow through the valve.



### MODEL: 2W040-3/8



#### Electrical Coil Connections

For DIN Coil	<b>To connect DIN coil:</b> <ol style="list-style-type: none"><li>1. Remove the Philip screw from the plastic housing and unplug it from the DIN coil.</li><li>2. From the screw opening, push the terminal block out from the plastic housing.</li><li>3. Note the 1, 2 and ground markings on underside of DIN enclosure.</li><li>4. For DC DIN Coil, Connect 1 to Positive, 2 to Negative.</li><li>5. For AC DIN Coil, connect 1 to HOT wire, 2 to Neutral wire, and if required connect ground to ground wire.</li></ol>
For Grommet Coil	<b>To connect Grommet coil:</b> <ol style="list-style-type: none"><li>1. For DC Coil, connect one of the two wires to Positive, and the other wire to Negative.</li><li>2. For AC Coil, connect one of the two wires to HOT wire, and the other wire to neutral wire.</li></ol>