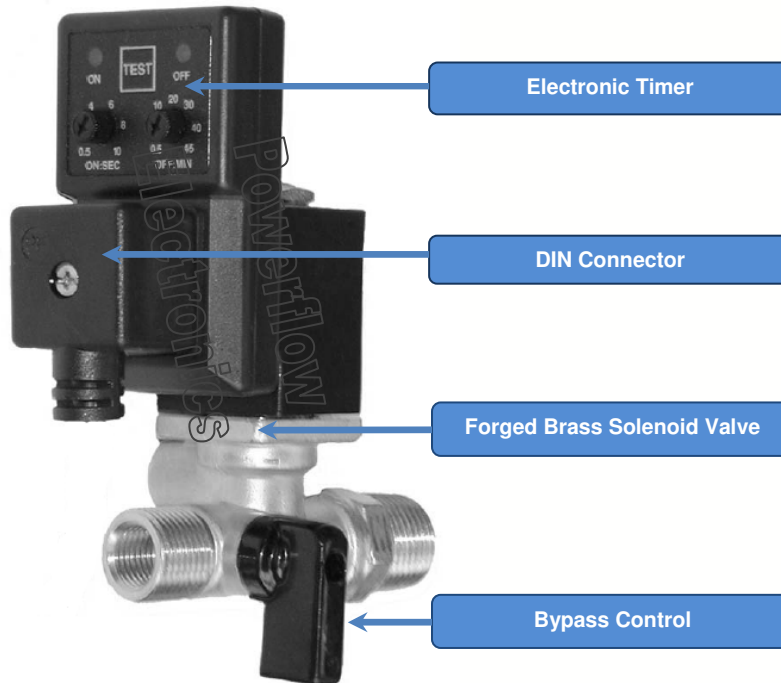


Automatic Drain Valve Vertical Time Controlled Integrated Bypass Cleaning



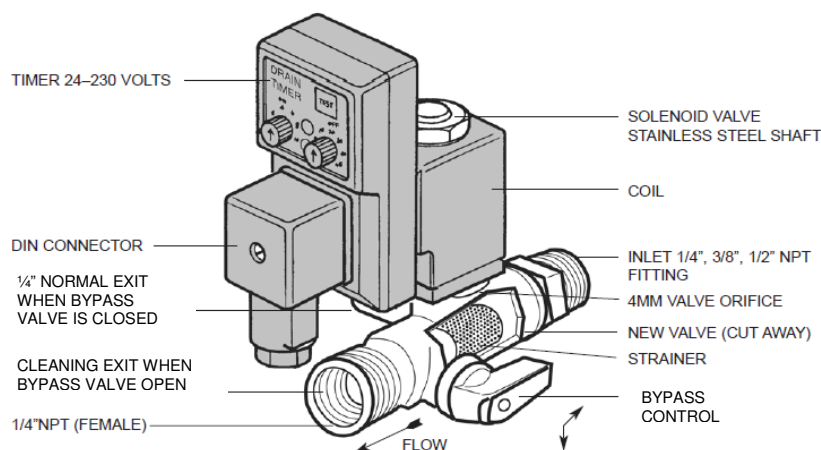
Features

- ◆ Complete Assembly ready to install
- ◆ Inlet fitting is 1/4" female and 1/2" male
- ◆ Outlet fitting is 1/4" female and 3/8" male
- ◆ Drain test switch to check functionality of unit
- ◆ Solenoid valve body has self-cleansing feature
- ◆ Yellow LED's to indicate status

Description

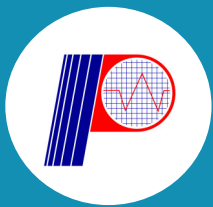
The **Poweflow Integrated Drain Valve** is the most economic and efficient method of discharging unwanted condensate from Compressed Air Systems. Removal of condensate from compressed air systems is a critical maintenance requirement. Failure to carry out regular draining results in serious disruption to production schedules, deterioration in product quality, damage to sensitive pneumatic equipment, etc. The **Poweflow Integrated Drain Valve** is an innovative solenoid valve design. The valve body incorporates a self-cleansing feature where a fixed strainer screen removes contaminants before reaching the valve orifice. The only maintenance required is to open the bypass valve periodically. The full flow would then be redirected from a 90° position to a straight through direction which cleans the filter screen of collected contaminants with a short blast. Strainer shown may require periodic removal for cleaning.

Technical Specification



Every effort has been taken to ensure the accuracy of this specification. However in order to maintain our technological lead we are continuously improving our products which could, without notice result in amendments or omissions to this specification. We cannot accept responsibility for damage, injury, loss or expenses resulting therein.





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Specification			
Repeat Timer Cycle			<p>Upon application of power the timer resets, enters the ON state for a period T1, then switches OFF for a period T2. This cycle repeats until power is removed.</p>
	Timing Scale	T1 Time	0.5 – 10Sec.
Supply Voltage	24-240V AC/DC 50/60Hz or 12-24V DC (Standard)		Other supply voltages available on request
Electrical Connection	DIN 46242	Connector	4-position connector
Timer & Solenoid Insulation	Class H 180°C (350°F)	Protection	IP65 including connector conforms to NEMA 4 std.
Temperature Range	-20°C to +150°C (-4°F to 300°F)		Standard Voltages
Valve	2-way normally closed	Pressure Range	0 to 17Bar (230psi g)
Temperature Range	Ambient: -10°C to +50°C (14°F to 120°F) Fluid: -10°C to +140°C (14°F to 285°F)		
Lubrication	Not Required	Strainer	Stainless steel screen self cleansing ON/OFF control
Media	Air, Gases, Water, Oil	Materials	Tube/plunger: AISI 300/400 Spring: AISI 18/8
Body	Brass	Seal Material	Viton
Typical Installations	Compressor Source, Receiver Outlet, Filter Outlet		

Choosing the Correct Model

Thread Type	Voltage	Part Number
BSP	115V AC	520-02-964
NPT	115V AC	520-02-965
BSP	230V AC	520-02-966
NPT	230V AC	520-02-967

- ◆ Other timings available on request:
msec, sec, mins, hrs, days, weeks, months
- ◆ Fixed timings available
- ◆ Memory backup option
- ◆ Standard Colour: Black
- ◆ Other colours available
- ◆ Customised power lead, any length with any plugtop or stripped and thinned

