

Jet Pulser

JP16



- Control Valve (ON / OFF)
- 16 Channels Valve Input

Jet Pulser JP16 This device controls the opening and closing of air valves for the Reverse Pulse Dust Collector system. It allows for programmable timing and can control up to 16 valve units.

Specifications

Input

Number of Channel: 1 Channel

Input Type: Solenoid Voltage

Input Range: 110 VAC, 220 VAC

Output

Number of Channel: 16 Channels

Output Type: Triac (3A)

Indicators: LED Display

Blowdown Cycles: Programmable 1 to 9

No. of Stations: Programmable 1 to 16 Stations

Valve "on" Time: 90 to 200 msec

Valve "off" Time: 1 to 120 sec

Ordering Information:

Example JP16

Package Checklist

1. JP16

Power Requirements

Power Supply: 110 or 220 VAC
(24 or 48 VDC Optional)

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

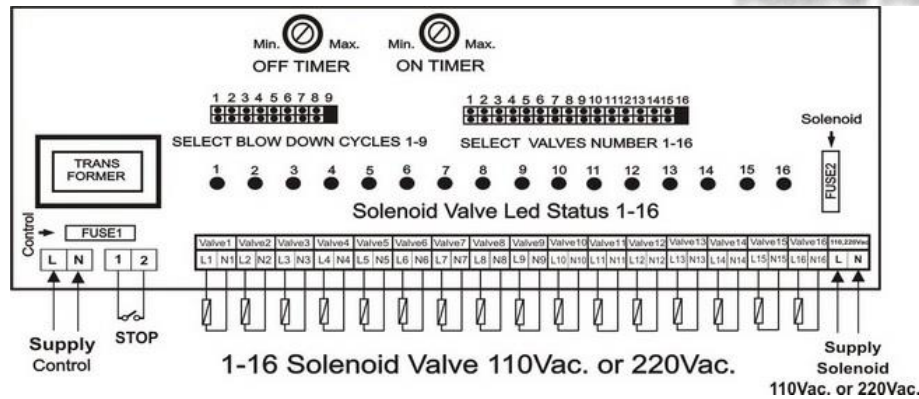
Dimension: W300 x H200 x D100 mm.

Mounting: Wall Mount

Protection: IP65

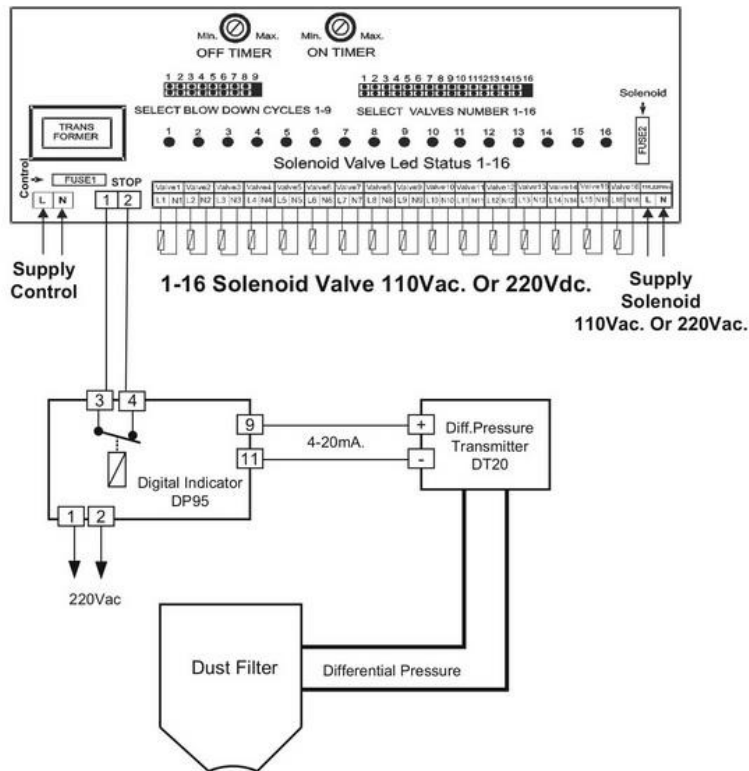
Warranty

Warranty Period: 5 Year

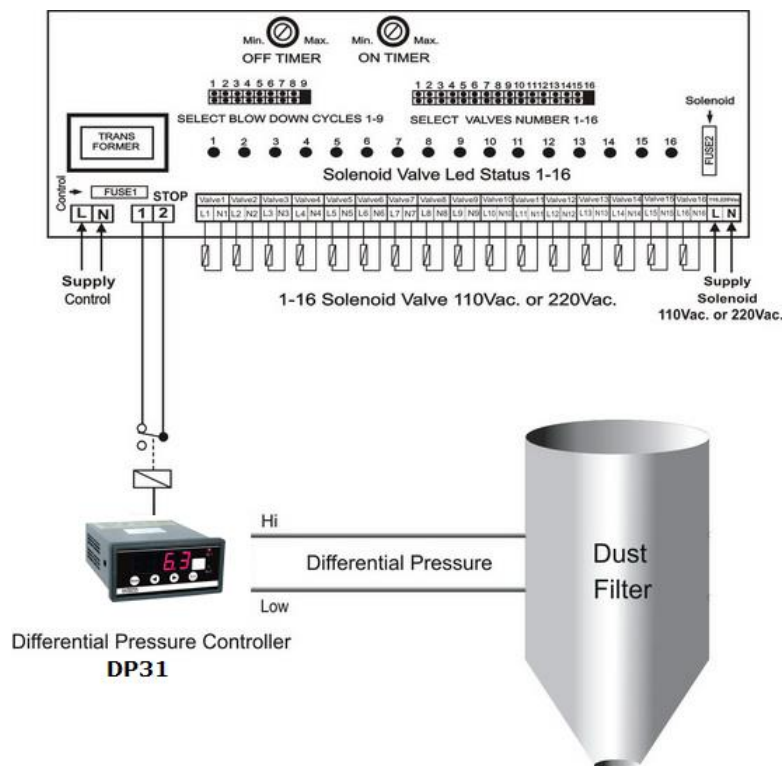


- ❖ **ON Timer button** Set the valve operation time (90 to 200 ms).
- ❖ **OFF Timer button** Set the duration for the valve to stop operating (1 to 120 sec).
- ❖ **Select Blow Down Cycles button** Set the number of operating cycles (1 - 9 cycles).
- ❖ **Select Valves Number button** Specify the number of valves required (1-16 channels).

For example, Valve 1 operates for 200 ms and then pauses for 30 seconds. Subsequently, Valve 2 operates according to the "ON/OFF Timer" settings, continuing the sequence through the number of valves specified in the "Select Valves Number" setting before cycling back to Valve 1. This operation repeats continuously until a trigger signal is received at the Stop input (Short Circuit). Upon receiving this signal, the valves operate according to the "ON/OFF Timer" settings but only for the number of cycles specified in "Select Blow Down Cycles," after which they stop; operation resumes only after the trigger signal is removed from the Stop input.



The JP16 connection is compatible with the DP95 and DT20.



Connection example,
Jet Pulser JP16 combined with Differential Pressure Controller DP31

The DP31 monitors the pressure level within the dust filter system. When the filter begins to clog and the pressure exceeds the set value, the DP31 signals the JP16 Jet Pulser to blow dust off the filter bags; once the pressure drops back to a normal level, the JP16 stops operating.

The JP16 connection is compatible with the DP31.