

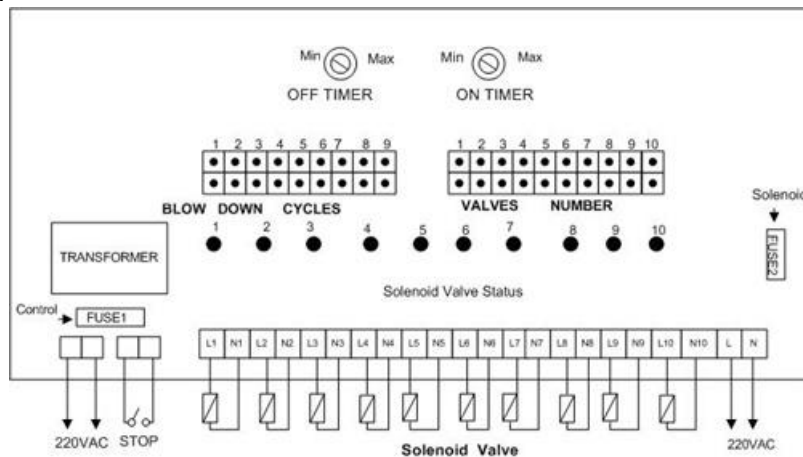
Jet Pulser

JP99



- Control The Opening And Closing Of The Valve
- Programmable On/Off Timer
- Controls Up To 10 Valve Sets

Jet Pulser JP99 This device controls the opening and closing of air valves in a reverse-pulse dust collector system. It allows for programmable timing and can control up to 10 valve units.



- ❖ **ON Timer Button** Set a timeframe for Valve to complete the work. (90 to 200 msec)
- ❖ **OFF Timer Button** Set a duration for Valve to stop operating. (1 to 120 sec)
- ❖ **Select Blow Down Cycles Button** Set the number of operation cycles. (1 - 9 rounds)
- ❖ **Select Valves Number Button** Determine the number of valves required. (1 - 10 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 through the sequence of valves specified by 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 by the "Select Blow Down Cycles" setting; operation then halts until the trigger signal is removed from the Stop input, at which point the machine resumes operation.

Specifications

Input

Number of Channel: 1 Channel

Input Type: Voltage

Input Range: 220 VAC

Output

Number of Channel: 10 Channels

Output Type: Triac (3A)

Indicators: LED Display

Blowdown Cycles: Programmable 1 to 9

No. of Stations: 1 to 10 stations

Valve "on" Time: 90 to 200 msec

Valve "off" Time: 1 to 120 sec

Power Requirements

Power Supply: 220 VAC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W200 x H150 x D100 mm.

Mounting: Wall mount

Protection: IP65

Warranty

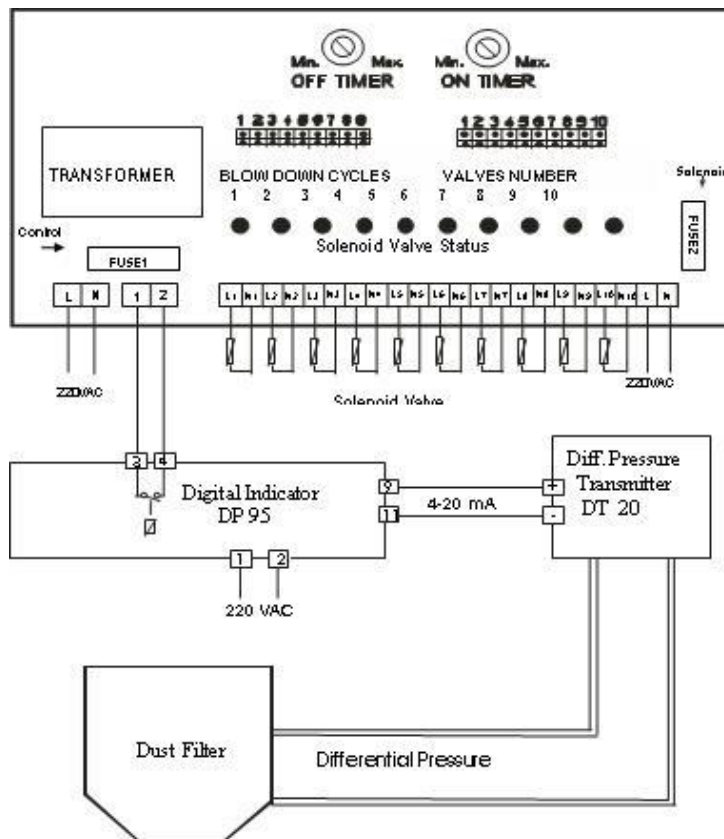
Warranty Period: 5 Year

Ordering Information:

Example JP99

Package Checklist

1. JP99



Example of connecting the Jet Pulser JP99 with the Differential Pressure Transmitter DT20.

The DT20 monitors the pressure level within the dust filter system. When the filter begins to clog and the pressure exceeds the setpoint, the DP95 sends a signal to the Jet Pulser (JP99) to blast dust off the filter bags; the JP99 ceases operation once the pressure returns to a normal level.