

## VSD1002 Series

# Electronic Expansion Valve Driver



### FEATURES

- CONSTANT CURRENT CONTROL STEPPER MOTOR, PRECISE DRIVE CURRENT;
- 0~10VDC OR 4~20mA ANALOG SIGNAL INPUT, CONTROL EEV OPENING;
- FORCED OPEN/CLOSE VALVE CONTROL TO FACILITATE DEBUGGING;
- SUPPORT MODBUS COMMUNICATION, UP TO 32 CASCADES;
- SMALL SIZE, SLIDE DESIGN, EASY TO INSTALL;

### GENERAL SPECIFICATIONS

- Suitable for all VPF series EEV
- Operating temperature: -30~+55°C
- Storage temperature: -30~+55°C
- Relative humidity: ≤95%RH
- Dimension: 102(W)mm×90(H)mm×40(D)mm
- Installation method: DIN35 slide or M3 screw
- Certifications: UL,CE

### ELECTRICAL PARAMETERS

Power supply:	24Vac (20~28), 50/60Hz 24Vdc (20~28), class 2
Power consumption:	6W at 24Vdc or 11VA at 24 Vdc
Terminals:	Spacing 5.08mm Pluggable
Inputs:	4~20mA or 0~10VDC analog signal Digital signal input
Output:	4 wire EEV output
Communication:	RS485

# VSD1002 SERIES

## Electronic Expansion Valve Driver

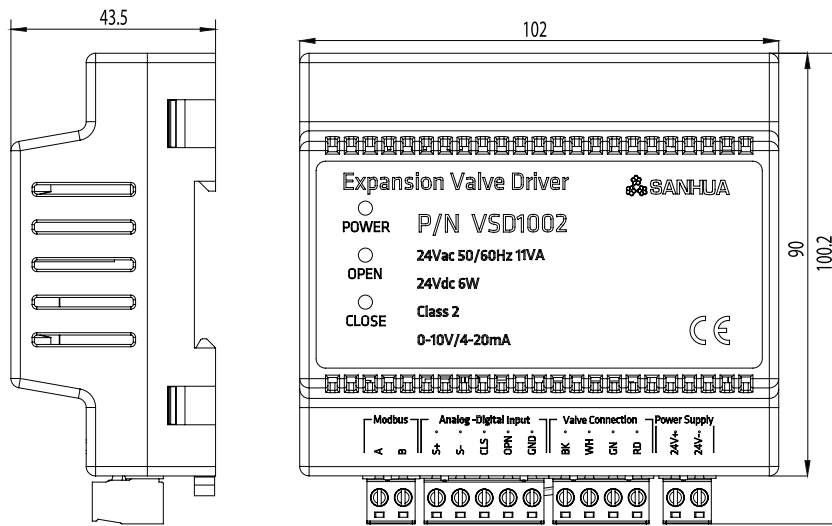


### TECHNICAL PARAMETERS

DIP switch settings

DIP switch			pulse	Applicable Products
1	2	3		
OFF	OFF	OFF	2700	VPF12.5 VPF25 VPF50
ON	OFF	OFF	3500	VPF100
OFF	ON	OFF	3800	VPF150 VPF250 VPF400

### DIMENSIONS



### ORDERING METHOD

NO.	Model	Remark
1	VSD1002	Standard Model
2	VSD1002P	Built-in backup power supply

## VSD2001 Series

# Electronic Expansion Valve Driver



### FEATURES

- DOUBLE CIRCUIT INDEPENDENT CONTROL;
- SINGLE AND BIPOLAR CONTROL CAN BE FREELY SELECTED;
- SUITABLE FOR ALL DPF/LPF/VPF SERIES EEV;
- 0~10VDC OR 4~20MA ANALOG SIGNAL INPUT, CONTROL EEV OPENING;
- SMALL SIZE, SLIDE DESIGN, EASY TO INSTALL;

### GENERAL SPECIFICATIONS

- Operating temperature: -30°C~+55°C
- Storage temperature: -30°C~+55°C
- Relative humidity: ≤95%RH
- Dimension: 102(W)mm×111(H)mm×44(D)mm (With terminal)
- Certifications: CE

### ELECTRICAL PARAMETERS

Power supply: 24Vac (20~28), 50/60HZ, 60VA  
 24Vdc (20~28), 30W, class 2

Inputs: 4~20mA or 0~100VDC analog signal

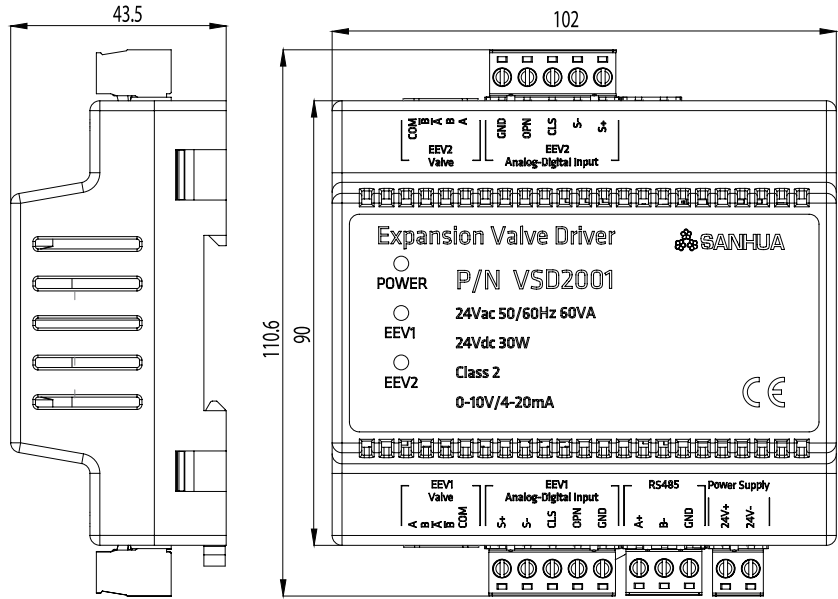
Outputs: Single and bipolar EEV motor output

Drive speed: 200pps (30~200pps are available)

**VSD2001 SERIES**  
**Electronic Expansion Valve Driver**



**DIMENSION**



**Ordering method**

No.	Model
1	VSD2001