

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 SPECIFICATION

- Suitable for all VPF series EEV
- Operating temperature: -30~+55°C
- Storage temperature: -30 ~ +55°C
- Relative humidity: ≤90%RH
- Dimension: 102(W)mm×90(H)mm×43.5(D)mm
- Protection level: IP20
- Certification: UL, CE Declaration according to EMC

ELECTRICAL PARAMETERS

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

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MODEL LIST

Model	Part Number	Detail
VSD1002	10685000202	Standard model
VSD1002P	10685000302	Model with battery backup inside

TECHNICAL PARAMETERS

Pulse for different VPF models

Pulse	VPF models
2700	VPF12.5 VPF25 VPF50
3500	VPF100
3800	VPF150 VPF250 VPF400

DIMENSIONS

(in mm)

