



DE - PV1 DC Isolated Transmitter
DE - PV1H DC High speed Isolated

Specifications

- Accuracy** : $\pm 0.1\%$ ($23 \pm 5^\circ\text{C}$)
- Operating Temp.** : $0 \sim 60^\circ\text{C}$ / Below 80%R.H.
- Storage Temp.** : $-10 \sim 70^\circ\text{C}$ / Below 70% R.H.
- Power Supply** : AC $115\text{V} \pm 10\%$, 50/60Hz
AC $230\text{V} \pm 10\%$, 50/60Hz
Option : DC 12, 24, 48, $120\text{V} \pm 20\%$
- Power Consumption** : Approx. 5VA
- Dielectric Strength** : AC 1800V/1min (Input/Power)
- Span Adjustment** : $\pm 10\%$
- Zero Adjustment** : $\pm 5\%$
- Response time** : DE-PV1 0.4 sec. (0~90%)
DE-PV1H 0.4msec. (0~90%)
- Mounting** : DIN rail
- Isolation** : Input / Output / Power / Case
- Input signal** : DC voltage (0~600V)
DC current (for current input can be obtained from shunt)
- Output voltage** : 0~10V
Load resistance=output voltage \div 10mA
- Output current** : 0~20mA
Load resistance=10V \div output current
- Output ripple** : $\leq 0.5\%$ RO. (peak - peak)

Features

- Accuracy $\pm 0.1\%$
- Wide input and output range selection
- Plug-in type

Order Code

DE-PV1	□	□	□	□	□
DE-PV1H	□	□	□	□	□
Input					Output
V1 : 0~10V					V1 : 0~10V
V2 : 0~5V					V2 : 0~5V
V3 : 1~5V					V3 : 1~5V
V4 : 0~1V					V4 : 0~1V
V5 : 0~50mV					V5 : 0~50mV
V6 : -10~0~+10V					V6 : -10~0~+10V
A1 : 4~20mA					A1 : 4~20mA
A2 : 0~20mA					A2 : 0~20mA
A3 : 0~10mA					A3 : 0~10mA
A4 : 0~1mA					A4 : 0~1mA
A5 : -10~0~+10mA					A5 : -10~0~+10mA
Y : Option					Y : Option
Power Supply					
1 : AC $115 \pm 10\%$, 50/60Hz					
2 : AC $230 \pm 10\%$, 50/60Hz					
Y : Option. (DC 12, 24, 48, $120\text{V} \pm 20\%$)					

Connection Diagram

