

HZ-AV-D5系列交流电压变送器

(HZ-AV-D5 Series AC voltage isolation transducer)

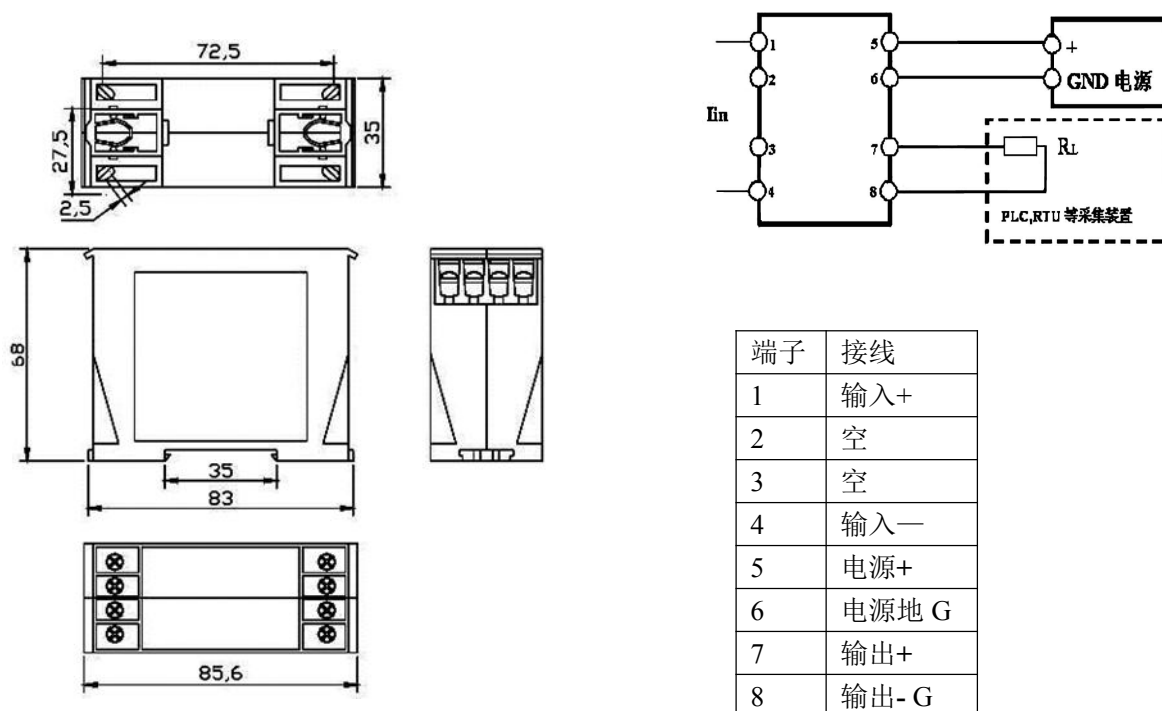
HZ-AV-D5 系列交流电压变送器的初、次级之间是绝缘的，可用于测量交流电压。

(HZ-AV-D5 Series AC voltage transducer between primary and secondary is insulated, can be used for the measurement of AC voltage)

电气参数 (Electrical characteristics)						
	型号 Type	HZ30-AV-D5	HZ100-AV-D5	HZ300-AV-D5	HZ500-AV-D5	
V _{pn}	额定输入电压 (AC) Rated input	30	100	300	500	V
V _{pm}	测量电压范围 (AC) Measuring range	36	120	360	600	V
R _m	测量电阻 Measuring resistance	0-500				Ω
I _{out}	输出电流 Rated output current	4~20 (0~5V 可选)				mA
I _o	零电流失调 Zero offset current	4 ± 0.1				mA
V _c	供电电压 Supply voltage	+24±5%				V
I _c	静态功耗 Current consumption	≤30+I _{out}				mA
I _{ot}	零点温漂 Thermal drift of I _o	≤±0.005				mA/°C
F	带宽 Frequency bandwidth (-3 dB)	20~3000				Hz
ε _G	精度 Accuracy	0.5				%
ε _L	线性度 Linearity	0.1				%

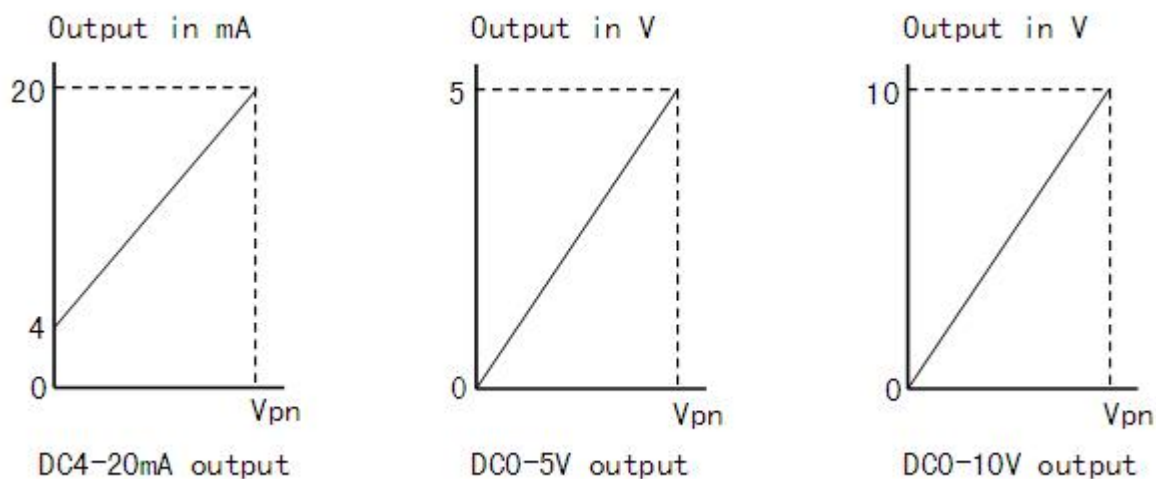
Tr	响应时间 Response time	≤ 200	mS
Vd	绝缘电压 Insulation voltage	2.0	KV
Ta	工作温度 Ambient operating temperature	-10~+60	°C
Ts	储存温度 Ambient storage temperature	-25~+70	°C
M	重量 mass	160	g
	标准 Standards	GB/T 13850-1998\IEC688:1992\UL94-Vo\ROHS	

机械参数 Dimensions (mm)



端子标准: 5.08mm, 8pin 接线式连接器

线性关系 (Linear)



使用说明 Remarks

1、产品命名: HZ**-AV-P*0*D5

(Product name: HZ **-AV-P * 0 * D5)

HZ 代表品牌 **代表输入电压

(HZ : brand ; **: input voltage)

AV: 测量交流电压

(AV: Measuring AC voltage)

P*代表电源: P1: +12~15V; P2: +24V; P3: AC220V; P4: 自定义

(P* : power supply; P1: +12 ~ 15V.; P2: +24 V; P3: AC220V; P4: customize)

0*代表输出: 01: 0~5V; 02: 0~20mA; 03: 4~20mA; 04: 自定义

(0* : output; 01: 0 ~ 5V; 02: 0 ~ 20mA; 03: 4 ~ 20mA; 04: customize)

D5 代表 35mm 导轨安装方式外壳

(D5: 35mm DIN Installation method)

2、传感器的输出幅度可根据用户需要进行适当调节

(The amplitude of the output of the transducer can be appropriately adjusted according to user needs.)

3、可按用户需求定制不同额定输入电压和输出的传感器

(Custom different rated input voltage and the output voltage of the transducer)

4、电压输出型负载 $\geq 10K\Omega$ ，电流输出型 $\leq 500\Omega$

(The voltage output load $\geq 10K\Omega$, current output type $\leq 500\Omega$)