

HZ-DC-D6系列直流电流变送器

(HZ-DC-D6 Series DC current isolation transducer)

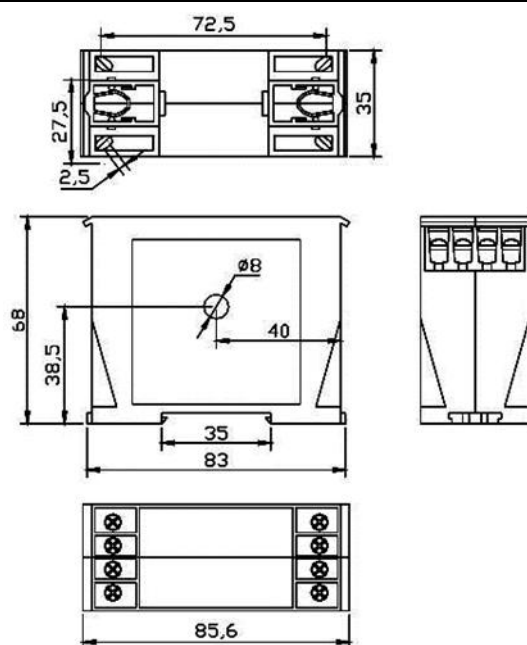
HZ-DC-D6 系列直流电流变送器的初、次级之间是绝缘的，可用于测量直流电流。

(HZ-DC-D6 Series DC Current transducer between primary and secondary is insulated, can be used for the measurement of DC current)

电气参数 (Electrical characteristics)					
	型号 Type	HZ5-DC-D6	HZ10-DC-D6	HZ20-DC-D6	
I _{pn}	额定输入电流 (DC) Rated input	5	10	20	A
I _{pm}	测量电流范围 (DC) Measuring range	6	12	24	A
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(-3dB)	DC			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

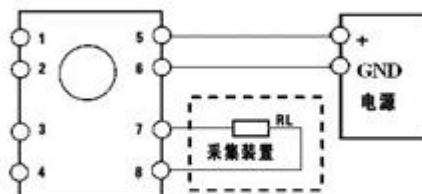
Vd	绝缘电压 Insulation voltage	1.5	KV
Ta	工作温度 Ambient operating temperature	-10~+60	°C
Ts	储存温度 Ambient storage temperature	-25~+70	°C
M	重量 mass	160	g
	标准 Standards	GB/T 13850-1998\IEC688:1992\UL94-Vo\ROHS	

机械参数 Dimensions (mm)



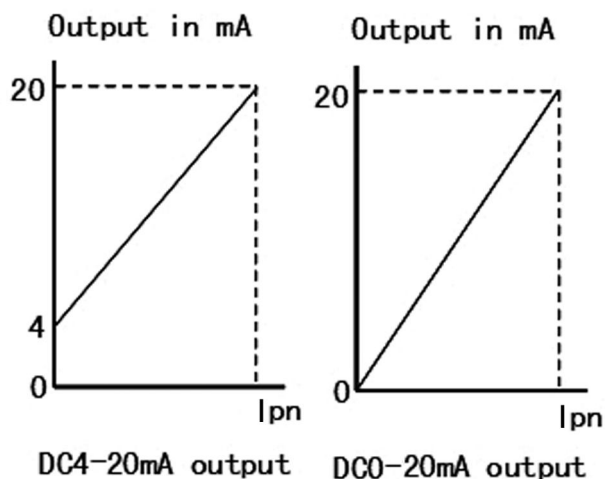
接线方式

端子	接线
5	电源+
6	电源地 G
7	输出+
8	输出- G



端子标准: 5.08mm, 8pin 接线式连接器
输入孔径: 8mm

线性关系 (Linear)



使用说明 Remarks

1、产品命名: HZ**-DC-P*0*D6

(Product name: HZ **-DC-P * 0 * D6)

HZ 代表品牌 **代表输入电流

(HZ : brand ; **: input current)

DC: 测量直流电流

(DC: Measuring DC current)

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)

D6 代表 35mm 导轨安装方式外壳, 孔径 8mm

(D6: 35mm DIN Installation method, Inner diameter 8mm)

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流和输出电压的传感器

(Custom different rated input current 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 $\leq 500\Omega$)