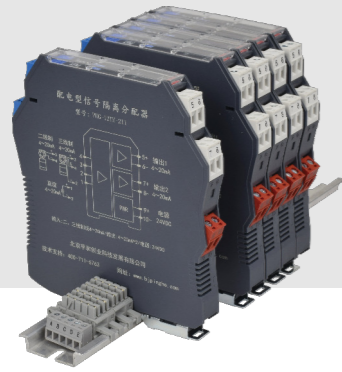


PHG-12TE系列

配电型直流信号输入/直流信号输出
一入二出

DC signal input with provided power/DC signal output
1 input 2 outputs



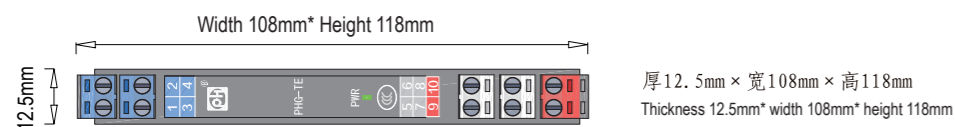
概述 Overview

- 配典型直流信号输入，一路输入，两路直流信号输出。
- 输出参数可根据客户需求定制。
- 供电方式24VDC。
- 常用型号及参数中数字“8”为用户自定义。
- DC signal input with provided power, single input, dual DC signal output.
- The parameters of output can be customized according to the requirements of customers.
- Supply power 24 VDC.
- In the "Common models and parameters" the number "8" means "customizable".

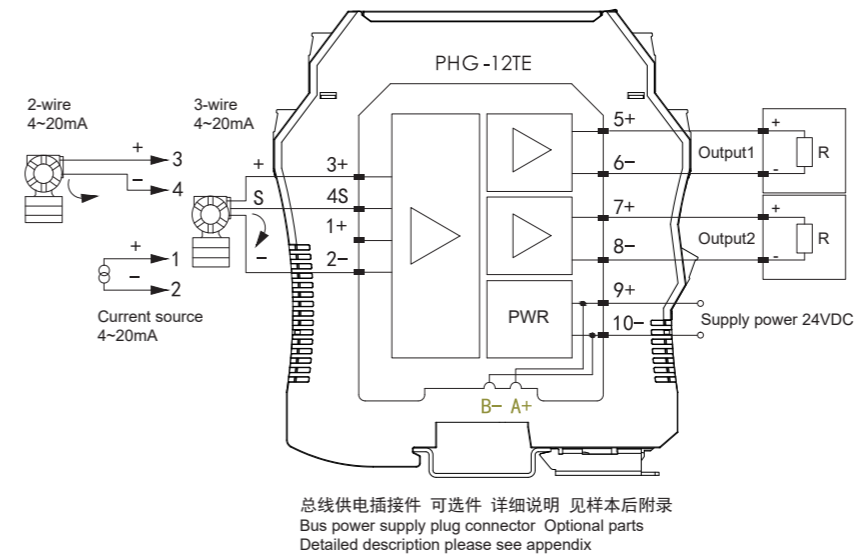
技术数据 Specifications

配电电压范围 Range of Provided Voltage	≥16V
输入阻抗 Input impedance	≤100Ω
负载能力 Load capacity	电流型负载电阻≤500Ω，电压型负载电流<5mA Current type load resistance≤500Ω, voltage type load current<5mA
输出精度 Output accuracy	0.1%F.S (典型值: 0.05% F.S) 0.1%F.S (Typical value: 0.05% F.S)
温度漂移 Temperature drift	0.005% F.S/°C
环境温度 Temperature parameters	工作温度: -20°C~+60°C, 存储温度: -40°C~+80°C Working temperature: -20°C~+60°C, storage temperature: -40°C~+80°C
空气相对湿度 Relative humidity	10%~95%RH无凝露 10%~95% RH no condensation
绝缘电阻 Insulation resistance	输入与输出间、输入输出与电源间≥100MΩ (500VDC) Between input and output, between input, output and power supply≥100MΩ (500VDC)
绝缘强度 Dielectric strength	输入与输出间、输入输出与电源间≥2000VAC/min Between input and output, between input, output and power supply≥2000VAC/min
电磁兼容性 Electromagnetic compatibility	GB/T 18268 (IEC 61326-1)
电源 Power supply	24VDC±10%
响应时间 Response time	<5ms
电源功耗 Power consumption	电流输出<1.8W, 电压输出<1W Current output<1.8W, voltage output<1W
平均无故障时间 MTBF	80000小时 (h)

外形尺寸 Dimensions

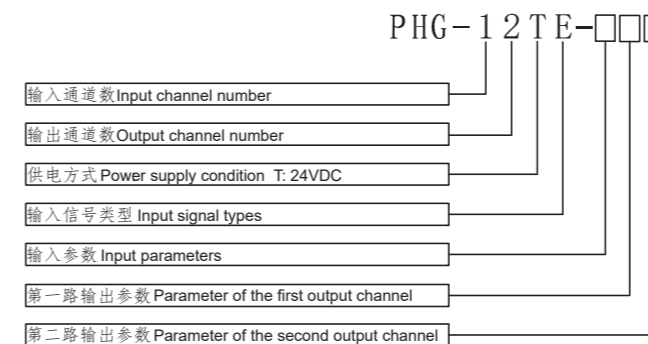


接线图及端子定义 Schematic diagram and terminal assignments



端子 Terminal	接线端子功能定义 Terminal assignments	电流源 Current source
9	供电电源+ Power supply +	24VDC±10%
10	供电电源- Power supply -	
	二线制2-wire 三线制3-wire	电流源 Current source
1	输入+ Input+	输入+ Input+
2	输入- Input-	输入- Input-
3	输入+ Input+ 配电电源+ Provided power supply+	
4	输入- Input- 输入+ Input+	
5	输出1+ Output1+	直流信号 DC signal
6	输出1- Output1-	直流信号 DC signal
7	输出2+ Output2+	直流信号 DC signal
8	输出2- Output2-	直流信号 DC signal

型号定义 Model definition



参数定义 Parameters definition	输出参数 Output parameters
代码 Code	输出参数 Output parameters
1	4~20mA
3	0~5V
4	0~10V
5	1~5V
6	0~75mV
7	±10V
8	用户自定义 Customizable

常用型号及参数 Common models and parameters

型号 Model	通道数 Channel numbers	输入 Input	输出1 Output1	输出2 Output2	供电方式 Power supply condition
PHG-12TE-211	一入二出 1 input 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	4~20mA	4~20mA	24VDC
PHG-12TE-233	一入二出 1 input 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~5V	0~5V	24VDC
PHG-12TE-244	一入二出 1 input 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~10V	0~10V	24VDC
PHG-12TE-255	一入二出 1 input 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	1~5V	1~5V	24VDC
PHG-12TE-266	一入二出 1 input 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~75mV	0~75mV	24VDC
PHG-12TE-277	一入二出 1 input 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	±10V	±10V	24VDC
PHG-12TE-288	一入二出 1 input 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	用户自定义 Customizable	用户自定义 Customizable	24VDC