



Transducer 变送器

Single-channel, Dual-channel Current Signal Isolation Transducer

KLY-TR-mA/ mA-A5-S(D) 单通道、双通道电流信号隔离变送器



Features

Single, dual channel optional
Mutually isolation, low power consumption
Compact structure, easy installation

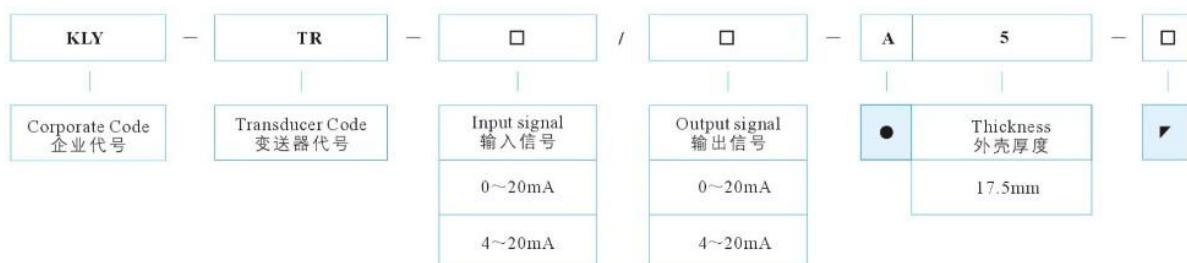
产品特点

单、双通道可选
可靠隔离、低功耗
结构紧凑，安装方便

Technical Specification 技术参数

Input signal 输入信号	
Current 电流	DC current 直流电流: 0 ~ 20mA、4 ~ 20mA
Max current 最大电流	50mA
Max voltage 最大电压	15V
Voltage drop 电压降	2.3V(Input current 输入电流20mA, Load负载0Ω) 10V(Input current 输入电流20mA, Load负载500Ω)
Response current 响应电流	<100nA
Accuracy 精度	± 0.1%F.S
Output signal 输出信号	
Rated current 额定电流	DC current 直流电流: 0 ~ 20mA、4 ~ 20mA
Limit load 极限负载能力	≤ 500Ω (per 100Ω load < 0.1% of measured value) ≤ 500Ω (每100Ω 负载 < 测量值的0.1%)
Response time 响应时间	4.5ms/500Ω
General properties 一般特性	
Auxiliary power 辅助电源	Input circuit power supply 输入回路供电
Operating temperature 工作温度	-10°C ~ +55°C: Humidity 湿度: 5% ~ 95%RH (must be no condensation 必须无结露)
Storage temperature 贮存温度	-20°C ~ +70°C: Humidity 湿度: 5% ~ 95%RH (must be no condensation 必须无结露)
Plastics flame retardant rating 塑料件阻燃等级	V0
Safety level 安全等级	CAT III 600V; Pollution level 污染等级: 2
Case protection level 外壳防护等级	IP40
Connect 连接	Socket terminal with 2.5mm² 接插端子

Ordering Information 订购资料



● Auxiliary power 辅助电源

Channel type 通道类型

Code 代码	Content 内容	Code 代码	Content 内容
S	Single channel 单通道	D	Double channel 双通道

Remark: When selecting this product, please check the load capacity of the input current, the load capacity must be > isolator equivalent resistance (about 150Ω) + output side load resistance (maximum 500Ω)

备注：选用此产品时请检查输入电流的负载能力大小，其负载能力必须>隔离器等效内阻(约150Ω)+输出侧负载电阻(最大500Ω)