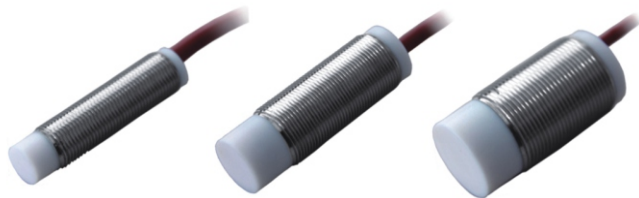


产品特点

- 耐环境高温高达120°C;
- 耐环境低温-40°C;
- 采用进口导线, 耐油, 耐腐蚀;
- 广泛应用与钢铁、冶金、玻璃等制造行业;

Product Features

- Withstand high temperature 120°C;
- Withstand low temperature -40°C;
- Imported wire, oil resistant, corrosion resistant
- Widely used in steel, metallurgy, glass and other manufacturing industries;



额定规格/性能 Ratings and Specifications

项目 Project	尺寸Specification	M12		M18		M30	
	安装方式Mounting	Flushed(屏蔽)	Non-Flushed(非屏蔽)	Flushed(屏蔽)	Non-Flushed(非屏蔽)	Flushed(屏蔽)	Non-Flushed(非屏蔽)
	型号Model	SNT12-02B□A	SNT12-04D□A	SNT18-05B□A	SNT18-08D□A	SNT30-10B□A	SNT30-15D□A
		SNT12-02B□B	SNT12-04D□B	SNT18-05B□B	SNT18-08D□B	SNT30-10B□B	SNT30-15D□B
检测距离Sensing distance		2mm±10%	4mm±10%	5mm±10%	8mm±10%	10mm±10%	15mm±10%
设定距离Set distance		0~1.6mm	0~3.2mm	0~4mm	0~6.4mm	0~8mm	0~12mm
回差范围Hysteresis error		检测距离的1~20% (sensing distance)					
重复精度Repeat accuracy		小于检测距离的3% (sensing distance)					
输出方式output mode		N: NPN P: PNP					
输出状态output state		NO/NC					
响应频率Response frequency		1.2KHz	0.8KHz	0.8KHz	0.5KHz	0.5KHz	0.5KHz
标准检测体Standard target		12X12X1t(Q235A)		18X18X1t(Q235A)	24X24X1t(Q235A)	30X30X1t(Q235A)	45X45X1t(Q235A)
温度影响Temperature effect		-40°C~120°C, within±10% (+23°C sensing distance) / (温度范围-40~120°C, +23°C时检测距离±10%以内)					
电源电压Power supply		DC12-24V impulse(p-p) < 10%(DC10-30V)/DC12-24V 脉动 (p-p) < 10% (DC10-30V)					
消费电流Current consumption		< 15mA					
电压影响Voltage effect		< 3%					
残留电压Residual voltage		< 2.5V(load current 200mA & cable 2m) / 2.5V以下 (负载电流 200mA及导线2米)					
负载电流Load current		< 200mA					
回路保护Circuit protection		逆向连接保护 输出短路保护 浪涌吸收 Reverse Connection protection, Short circuit protection, electrical surge absorption					
显示灯Indicator light		—					
泄漏电流Leakage currmt		< 100uA					
连接方式Connection		Cable (2m) / 标准导线长2米-特氟龙					
环境温度Ambient temperature		使用时及保存时: -40°C~120°C Work&store: -40°C~120°C					
环境湿度Ambient humidity		使用时及保存时: 35~95% Work&store: 35°C~95%					
振动-耐久Anti-vibration		10~55 Hz, 上下振幅1.5mm X,Y,Z各向 2小时 10~55Hz, Amplitude 1.5mm, X,Y,Z(2H)					
耐电压Withstanding voltage		1000V AC, 50/60Hz 1分钟 充电部整体与外壳间 1000V AC, 50/60Hz 1min					
绝缘电阻Insulation resistance		50MΩ以上 (DC500V 摇表) 充电部整体与外壳间 > 50MΩ (DC500V megger)					
保护结构protection degree		IEC IP67					
外壳材质Housing material		黄铜镀镍 Nickel-copper alloy					
检测面Sensing face		特氟龙 PTFE					

Dimension(尺寸图)
unit/单位: mm

