

TK Proximity Sensor technical Specification

Model		Three-Wire DC.				Two-Wire AC.	Three-Wire DC.		Two-Wire AC.	Three-Wire DC.		Two-Wire AC.					
Code	Output	DC		DC		AC	DC		AC	DC		AC					
		NPN	PNP	NPN	PNP		NPN	PNP		NPN	PNP						
	NO	TK-SN5C	TK-SP5C	TK-SN10C	TK-SP10C	TK-SY10D	TK-SN20C	TK-SP20C	TK-SY20D	TK-SN35C	TK-SP35C	TK-SY35D					
NC	TK-SNC5C	TK-SPC5C	TK-SNC10C	TK-SPC10C	TK-SYC10D	TK-SNC20C	TK-SPC20C	TK-SYC20D	TK-SNC35C	TK-SPC35C	TK-SYC35D						
Appearance (mm)																	
Dimension		18W×18H×36Dmm		30W×30H×52Dmm		40W×40H×53Dmm		65W×65H×70Dmm									
Object		Magnetism metal(The detected distance of non-magnetism metal decreased)															
Detect Object		Steel 18×18×1mm		Steel 30×30×1mm		Steel 40×40×1mm		Steel 65×65×1mm									
Stipulated Distance		5.0mm		10.0mm		20.0mm		35.0mm									
Mounting Distance		0~4.0mm		0~8.0mm		0~16.0mm		0~28.0mm									
Frequency		≤500Hz		≤200Hz		≤20Hz		≤100Hz		≤50Hz							
Power Voltage		DC 10-30V		DC 10-30V		AC90-250V		DC 10-30V		AC 90-250V							
Hysteresis		Less than 10% stipulate distance															
Control output		DC: Resistive load max ≤ 200mA				Inductive load max ≤ 100mA				AC: Resistive load max ≤ 300mA				Inductive load max ≤ 150mA			
Residual Voltage		DC: ≤2V (At DC 24V 200mA)				/				AC: ≤10V (At DC 220V 300mA)							
Leakage Current		DC: ≤0.5mA (At DC 24V)				/				AC: ≤0.5mA (At AC 220V)							
Insulation Impedance		≥100MΩ (At DC 500V)															
Dielectric Strength		AC 1000V 1min (At 50/60HZ)															
Indicating lamp		Yellow															
Protection Degree		IP66 (IEC)															
Ambient Temperature		-25℃-70℃															
Length Output		Standard length 2m															