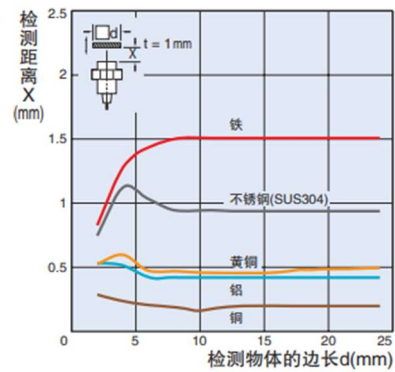




Figure 1

Functional characteristic curve



Ordering Information

Item	Size	M5	
	Type	Shielded	Unshielded
	Model	SKC-LF1.0-MKH04-XXXX	SKC-LF1.0-MKH04-XXXX
Sensing distance		0.8mm±10%	1.5mm±10%
Setting distance		to 0.6 mm	
Detectable object		Ferrous metal	
Standard sensing object(mild steelST37)		3 × 3 × 1 mm	
Switching frequency		2000HZ	
Power supply voltage		10 to 30 VDC. (including 10% ripple (p-p))	
Rated current		10 mA max	
Load current		200 mA max. (30 VDC max.)	
Output type		-P models: PNP open collector	
		-N models: NPN open collector	
Operation mode (with sensing object approaching)		O/-C1 models: NO -N/-C2 models: NC	
Indicator		Operation indicator	
Protection circuit		Yes	
Ambient air temperature		Operation and storage : -25 to 70°C	
Protection grade		IP67	
Connecting method	Pre-wired models	----	
	Connector model	See the accessories 3pin	
Material	Case	Stainless steel SUS 303	
	Sensing surface	PBT	
	Cable	Standard cable PVC	

Parameter

Model	Sensing distance	Installation	Output type	Connection mode	drawing
SKC-LF1.0-FKG05-PODF2	1mm	Shielded	PNP/OFF	Connector	Figure 1
SKC-LF1.0-FKG05-PNDF2	1mm	Shielded	PNP/NO	Connector	Figure 1
SKC-LF1.0-FKG05-NODF2	1mm	Shielded	NPN/OFF	Connector	Figure 1
SKC-LF1.0-FKG05-NODF2	1mm	Shielded	NPN/NO	Connector	Figure 1
SKC-LM1.5-FKG05-PODF2	1.5mm	Unshielded	PNP/OFF	Connector	Figure 1
SKC-LM1.5-FKG05-PNDF2	1.5mm	Unshielded	PNP/NO	Connector	Figure 1
SKC-LM1.5-FKG05-NODF2	1.5mm	Unshielded	NPN/OFF	Connector	Figure 1
SKC-LM1.5-FKG05-NODF2	1.5mm	Unshielded	NPN/NO	Connector	Figure 1