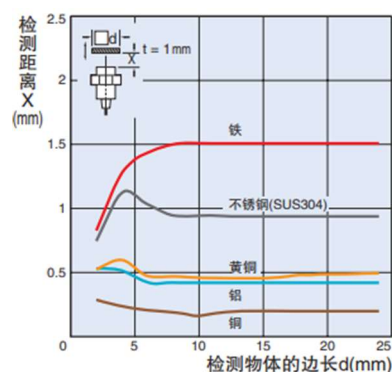


Figure 1

Functional characteristic curve



Ordering Information

Item	Size	M3
	Type	Shielded
	Model	SKC-LF0.8-FKH03-XXXX
Sensing distance		0.8mm
Setting distance		0 to 0.5 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	PVC cable with length=2m,5m 3pin
	Connector model	----
Material	Case	Stainless steel SUS 303
	Sensing surface	PBT
	Cable	Standard cable PVC

Parameter

Model	Sensing distance	Installation	Output type	Connection mode	drawing
SKC-LF0.8-FKH03-POFF2	0.8mm	Shielded	PNP/NO	Pre-wired	Figure 1
SKC-LF0.8-FKH03-PNFF2	0.8mm	Shielded	PNP/NC	Pre-wired	Figure 1
SKC-LF0.8-FKH03-NOFF2	0.8mm	Shielded	NPN/NO	Pre-wired	Figure 1
SKC-LF0.8-FKH03-NNFF2	0.8mm	Shielded	NPN/NC	Pre-wired	Figure 1