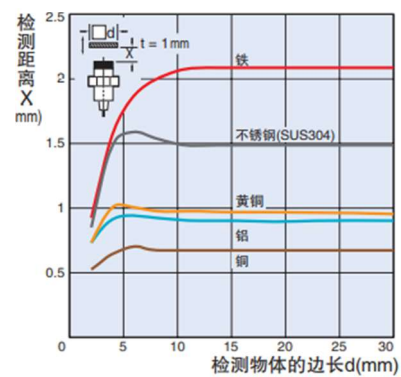


Figure 1

■ Functional characteristic curve



■ Ordering Information

Item	Size	M6.5	
	Type	Shielded	Unshielded
	Model	SKC-LF1.5-FKH6.5XXXX	SKC-LM2.0-FKH6.5-XXXX
Sensing distance		1.5mm±10%	2mm±10%
Setting distance		0 to 1.2mm	0 to 1.6mm
Detectable object		Ferrous metal	
Standard sensing object(mild steelST37)		6.5× 6.5 × 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-LF1.5-FKH6.5-POFF2	1.5mm	Shielded	PNP/NO	Pre-wired	Figure 1
SKC-LF1.5-FKH6.5-PNFF2	1.5mm	Shielded	PNP/NC	Pre-wired	Figure 1
SKC-LF1.5-FKH6.5-NOFF2	1.5mm	Shielded	NPN/NO	Pre-wired	Figure 1
SKC-LF1.0-FKH6.5-NNFF2	1.5mm	Shielded	NPN/NC	Pre-wired	Figure 1
SKC-LM2-FKH6.5-POFF2	2mm	Unshielded	PNP/NO	Pre-wired	Figure 1
SKC-LM2-FKH6.5-PNFF2	2mm	Unshielded	PNP/NC	Pre-wired	Figure 1
SKC-LM2-FKH6.5-NOFF2	2mm	Unshielded	NPN/NO	Pre-wired	Figure 1
SKC-LM2-FKH6.5-NNFF2	2mm	Unshielded	NPN/NC	Pre-wired	Figure 1