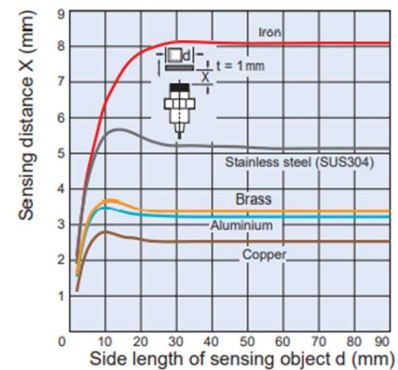




Functional characteristic curve



Ordering Information

Item	Size	M30	
	Type	Shielded	Unshielded
	Model	SKC-LF10-FKH30-XXXX	SKC-LM15-FKH30-XXXX
Sensing distance	10mm±10%		15mm±10%
Setting distance	0 to 9mm		0 to 14mm
Detectable object	Ferrous metal		
Standard sensing object(mild steelST37)	30× 30× 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-LF10-FKD30-POFF2	10mm	Shielded	PNP/NO	Pre-wired	Figure 1
SKC-LF10-FKD30-PNFF2	10mm	Shielded	PNP/NC	Pre-wired	Figure 1
SKC-LF10-FKD30-NOFF2	10mm	Shielded	NPN/NO	Pre-wired	Figure 1
SKC-LF10-FKD30-NNFF2	10mm	Shielded	NPN/NC	Pre-wired	Figure 1
SKC-LM15-FKD30-POFF2	15mm	Unshielded	PNP/NO	Pre-wired	Figure 1
SKC-LM15-FKD30-PNFF2	15mm	Unshielded	PNP/NC	Pre-wired	Figure 1
SKC-LM15-FKD30-NOFF2	15mm	Unshielded	NPN/NO	Pre-wired	Figure 1
SKC-LM15-FKD30-NNFF2	15mm	Unshielded	NPN/NC	Pre-wired	Figure 1