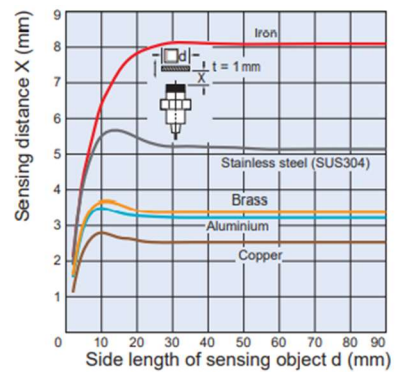


■ Functional characteristic curve



■ Ordering Information

Item	Size	M12	
	Type	Shielded	Unshielded
	Model	S SKC-LF2.0-FKD12-XXXX	SKC-LM5.0-FKH12-XXXX
Sensing distance	2mm±10%		5mm±10%
Setting distance	0 to 1.6 mm		0 to 4.6 mm
Detectable object	Ferrous metal		
Standard sensing object(mild steelST37)	12× 12 × 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-LF2.0-FKD12-POFF2	2mm	Shielded	PNP/NO	Pre-wired	Figure 1
SKC-LF2.0-FKD12-PNFF2	2mm	Shielded	PNP/NC	Pre-wired	Figure 1
SKC-LF2.0-FKD12-NOFF2	2mm	Shielded	NPN/NO	Pre-wired	Figure 1
SKC-LF2.0-FKD12-NNFF2	2mm	Shielded	NPN/NC	Pre-wired	Figure 1
SKC-LM5.0-FKD12-POFF2	5mm	Unshielded	PNP/NO	Pre-wired	Figure 1
SKC-LM5.0-FKD12-PNFF2	5mm	Unshielded	PNP/NC	Pre-wired	Figure 1
SKC-LM5.0-FKD12-NOFF2	5mm	Unshielded	NPN/NO	Pre-wired	Figure 1
SKC-LM5.0-FFKD12-NNFF2	5mm	Unshielded	NPN/NC	Pre-wired	Figure 1