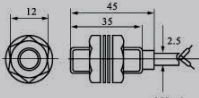
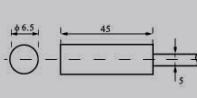
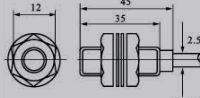
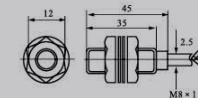


SGLM Series		Proximity Switch	
Induction distance		40cm(white paper 100mmx10mm)	
Spot size		0.5mm at 25cm	
Standard inductor		More than 0.5mm at 30cm	
Minimum detected abject		Φ0.5mm stainless steel pin gauge at 30cm distance	
Black and white error		10% at 30cm	
Light source		Red LD(650nm),JIS grade 1, IEC grade 1	
Supply voltage		DC10-30V±10%,pulse(p-p)<10%	
Consumption current		<30mA	
Control output		Load supply voltage<DC26.4V,load current<200mA,open collector output	
Rest output voltage		Load current<10mA: <1V Load current is 10-200mA: <2.7V	
Protection circuit		Power supply reverse connect protection,output voltage protection	
Response time		Action or reset :<0.5ms	
Sensitivity adjustor		Rotate regulator	
Ambient air temperature		Action:-10~+55°C,storage:-25~+70°C(no-icing,condensation)	
Connection way		With standard 2meters	
Display lamp		Action display red LED	
Certification		CE CB	



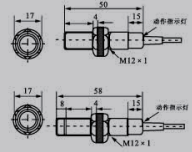
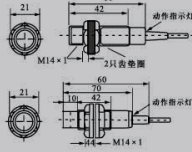
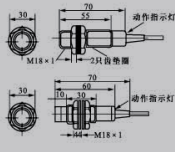
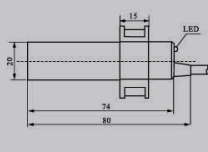
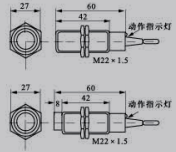
SGLM Series

Proximity Switch

Structural category: Cylinder type							
				SGLM5	SGLM6	SGLM06	SGLM8
Overall dimensions							
Flush	Detection distance			1mm	1mm	1mm	1mm
	DC 6~36 VDC	DPN	NO	SGLM5-3001PA	SGLM6-3001NA	SGLM06-3001NA	SGLM8-3001NA
			NC	————	SGLM6-3001NB	————	SGLM8-3001NB
			NO+NC	————	————	————	————
		PNP	NO	SGLM5-3001PA	SGLM6-3001PA	SGLM06-3001PA	SGLM8-3001PA
			NC	————	SGLM6-3001PB	————	SGLM8-3001PB
			NO+NC	————	————	————	————
		Two wire system	NO	————	SGLM6-3001LA	————	SGLM8-3001LA
			NC	————	SGLM6-3001LB	————	SGLM8-3001LB
		AC 90~250 VAC	SCR Control- lable silicon	NO	————	————	————
	NC			————	————	————	————
	NO+NC			————	————	————	————
	Relay output			————	————	————	————
	Non-Flush	Detection distance			————	1.5mm	————
DC 6~36 VDC		DPN	NO	————	SGLM6-3002NA	————	SGLM8-3002NA
			NC	————	SGLM6-3002NB	————	SGLM8-3002NB
			NO+NC	————	————	————	————
		PNP	NO	————	SGLM6-3002PA	————	SGLM8-3002PA
			NC	————	SGLM6-3002PB	————	SGLM8-3002PB
			NO+NC	————	————	————	————
		Two wire system	NO	————	SGLM6-3002LA	————	SGLM8-3002LA
			NC	————	SGLM6-3002LB	————	SGLM8-3002LB
		AC 90~250 VAC	SCR Control- lable silicon	NO	————	————	————
NC				————	————	————	SGLM8-2002B
NO+NC				————	————	————	————
Relay output			————	————	————	————	
Output current		DC			100mA	150mA	100mA
	SCR/ Relay			————	————	————	150mA
Output voltage drop DC/AC				DC < 3V AC < 10V			
Consumption current				DC < 15mA AC < 10mA			
Standard detected object				6x6x1(A3 iron)	8x8x1(A3 iron)	8x8x1(A3 iron)	8x8x1(A3 iron)
Repeated precision				0.01	0.01	0.01	0.01
DC/AC Response frequency				500Hz	500Hz	500Hz	500Hz/25Hz
Working environment temperature				-25°C~+70°C	-25°C~+70°C	-25°C~+70°C	-25°C~+70°C
Insulation resistance				≥50MΩ	≥30MΩ	≥50MΩ	≥50MΩ
Shell material				Metal	Stainless steel	Metal	Metal
Protection grade				IP67	IP67	IP67	IP67

SGLM Series

Proximity Switch

				
SGLM12	SGLM14	SGLM18	SGLM20	SGLM22
				
2mm	3mm	5mm	—	7mm
SGLM12-3002NA	SGLM14-3003NA	SGLM18-3005NA	—	SGLM22-3007NA
SGLM12-3002NB	SGLM14-3003NB	SGLM18-3005NB	—	SGLM22-3007NB
SGLM12-3002NC	SGLM14-3003NC	SGLM18-3005NC	—	SGLM22-3007NC
SGLM12-3002PA	SGLM14-3003PA	SGLM18-3005PA	—	SGLM22-3007PA
SGLM12-3002PB	SGLM14-3003PB	SGLM18-3005PB	—	SGLM22-3007PB
SGLM12-3002PC	SGLM14-3003PC	SGLM18-3005PC	—	SGLM22-3007PC
SGLM12-3002LA	SGLM14-3003LA	SGLM18-3005LA	—	SGLM22-3007LA
SGLM12-3002LB	SGLM14-3003LB	SGLM18-3005LB	—	SGLM22-3007LB
SGLM12-2002A	SGLM14-2003A	SGLM18-2005A	—	SGLM22-2007A
SGLM12-2002B	SGLM14-2003B	SGLM18-2005B	—	SGLM22-2007B
—	—	SGLM18-2005C	—	SGLM22-2007C
—	—	—	—	—
4mm	5mm	8mm	10mm	10mm
SGLM12-3004NA	SGLM14-3005NA	SGLM18-3008NA	SGLM20-3010NA	SGLM22-3010NA
SGLM12-3004NB	SGLM14-3005NB	SGLM18-3008NB	SGLM20-3010NB	SGLM22-3010NB
SGLM12-3004NC	SGLM14-3005NC	SGLM18-3008NC	SGLM20-3010NC	SGLM22-3010NC
SGLM12-3004PA	SGLM14-3005PA	SGLM18-3008PA	SGLM20-3010PA	SGLM22-3010PA
SGLM12-3004PB	SGLM14-3005PB	SGLM18-3008PB	SGLM20-3010PB	SGLM22-3010PB
SGLM12-3004PC	SGLM14-3005PC	SGLM18-3008PC	SGLM20-3010PC	SGLM22-3010PC
SGLM12-3004LA	SGLM14-3005LA	SGLM18-3008LA	SGLM20-3010LA	SGLM22-3010LA
SGLM12-3004LB	SGLM14-3005LB	SGLM18-3008LB	SGLM20-3010LB	SGLM22-3010LB
SGLM12-2004A	SGLM14-2005A	SGLM18-2008A	SGLM20-2010A	SGLM22-2010A
SGLM12-2004B	SGLM14-2005B	SGLM18-2008B	SGLM20-2010B	SGLM22-2010B
—	—	SGLM18-2008C	SGLM20-2010C	SGLM22-2010C
—	—	—	—	—
200mA	200mA	200mA	200mA	200mA
300mA	300mA	300mA	300mA/1A	300mA
DC < 3V AC < 10V				
DC < 15mA AC < 10mA				
15x15x1(A3 iron)	15x15x1(A3 iron)	18x18x1(A3 iron)	20x20x1(A3 iron)	22x22x1(A3 iron)
0.01	0.02	0.02	0.02	0.02
400Hz/25Hz	300Hz/25Hz	200Hz/25Hz	200Hz/25Hz	200Hz/25Hz
-25°C~+75°C	-25°C~+75°C	-25°C~+75°C	-25°C~+75°C	-25°C~+75°C
≥50MΩ	≥50MΩ	≥50MΩ	≥50MΩ	≥50MΩ
Metal	Metal	Metal	ABS Plastic	Metal
IP67	IP67	IP67	IP67	IP67