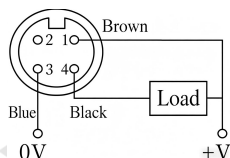
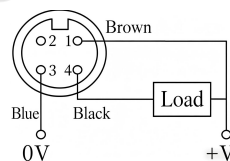
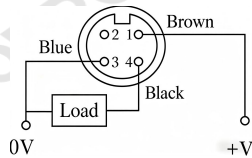
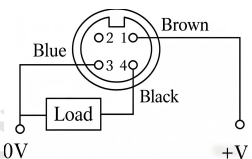
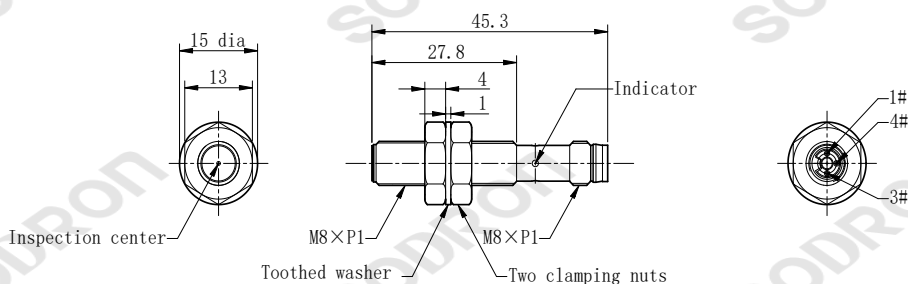


**SODRON****Proximity sensor****Model:**

SN08Y-□B□□-E2

**Product Features:**

- ASIC, excellent anti-interference performance
- IP67
- UL certification

**Connection:****NPN-NO****NPN-NC****PNP-NO****PNP-NC****Dimension****Technical parameter**

Type	Flushed(Single-distance)			
Model	SN08Y-1B5NA-E2	SN08Y-1B5PA-E2	SN08Y-1B5NB-E2	SN08Y-1B5PB-E2
Sensing distance	1.5mm±10%			
Set distance	0~1.2mm			
Standard sensing object	Iron sheet 8X8X1mm			
Response frequency	2KHz			
Repeat accuracy	< 3% sensing distance			
Type	Flushed(Double-distance)			
Model	SN08Y-02BNA-E2	SN08Y-02BPA-E2	SN08Y-02BNB-E2	SN08Y-02BPB-E2
Sensing distance	2mm±10%			
Set distance	0~1.6mm			
Standard sensing object	Iron sheet 8X8X1mm			
Response frequency	1.5KHz			
Repeat accuracy	< 5% sensing distance			
Output mode	NPN	PNP	NPN	PNP
Output state	NO	NO	NC	NC
Hysteresis error	1%~15% sensing distance			
Current consumption	< 15mA			
Power supply	10~30V DC			
Load current	< 100mA			
Residual voltage	< 2V (load current at 100mA 2m cable)			
Indicator light	Yellow LED			
Circuit protection	reverse connection protection , short-circuit protection, surge absorption			
Temperature effect	-25°C~70°C ±10% of sensing distance at +23°C			
Ambient temperature	work: -25°C~ +70°C store: -25°C~ +70°C			
Ambient humidity	work: : 35~95% store: 35~95%			
Withstand voltage	500V AC,50/60Hz 1min between current-carrying part and case			
Insulation resistance	>20MΩ (DC500V) between current-carrying part and case			
Anti-vibration	10~55Hz, amplitude 1.5mm for 2H in X,Y,Z directions			
Anti-impact	500m/s <sup>2</sup> for X,Y,Z directions (50G) 3 times			
Protection degree	IEC IP67			
Connection	Connector M8			
Material	front	PBT		
	housing	stainless steel		
	connector	M8: PA66 Pins: Copper plated with gold		