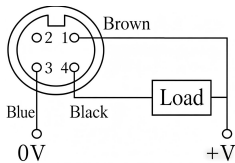
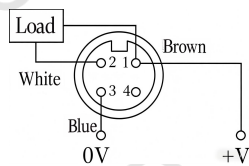
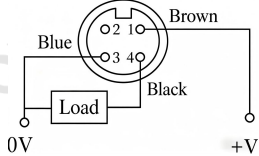
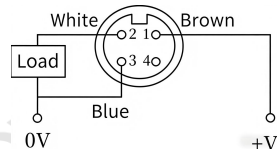
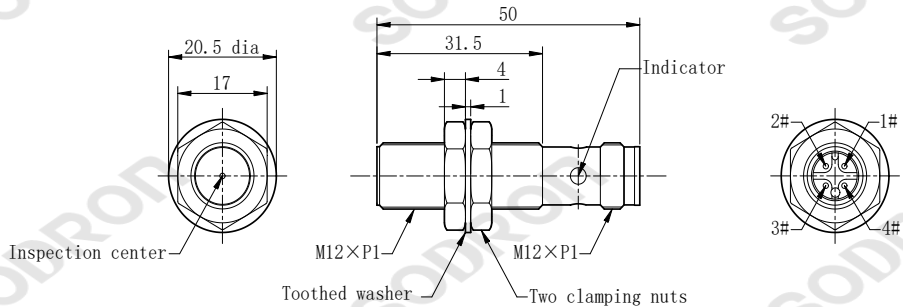


**Model:****SN12Y-□B□□-E****Product Features:**

- 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	SN12Y-02BNA-E	SN12Y-02BPA-E	SN12Y-02BNB-E	SN12Y-02BPP-E
Sensing distance	2mm±10%			
Set distance	0~1.6mm			
Standard sensing object	Iron sheet 12X12X1mm			
Response frequency	1.5KHz			
Repeat accuracy	< 3% sensing distance			
Type	Flushed(Double-distance)			
Model	SN12Y-04BNA-E	SN12Y-04BPA-E	SN12Y-04BNB-E	SN12Y-04BPP-E
Sensing distance	4mm±10%			
Set distance	0~3.2mm			
Standard sensing object	Iron sheet 12X12X1mm			
Response frequency	1KHz			
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	<200mA			
Residual voltage	<2.5V(load current at 200mA 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 ² for X,Y,Z directions (50G) 3 times			
Protection degree	IEC IP67			
Connection	connector M12			
Material	Front	PBT		
	Housing	Nickel-plated brass		
	Connector	M12: PC ; Pins: Copper plated with gold		