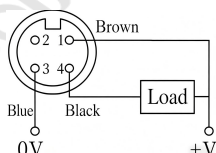
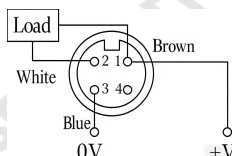
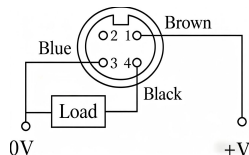
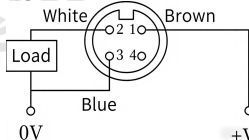
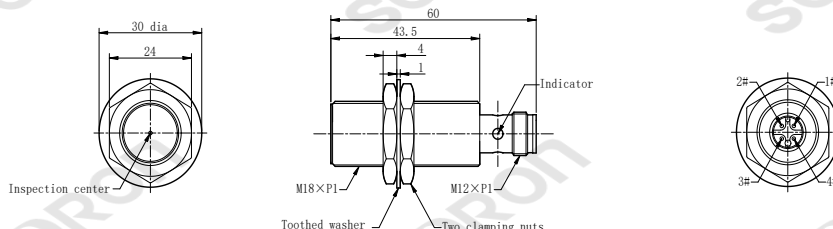


**Model**

SNT18-□B□□-E

**Product Features**

- Adopts dedicated chip, featuring excellent anti-interference performance
- IEC IP67
- Ambient high temp. resistance: Up to 105°C

**Connection****NPN-NO****NPN-NC****PNP-NO****PNP-NC****Dimension****Technical parameters**

Type	Single-distance flushed			
Model	SNT18-05BNA-E	SNT18-05BPA-E	SNT18-05BNB-E	SNT18-05BPP-E
Sensing distance	5mm±10%			
Set distance	0~4mm			
Standard target	18X18X1mm (Iron sheet)			
Response frequency	1KHz			
Repeat accuracy	< 3% (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:200mA, 2m wire)			
Indicator light	Yellow LED (Output ON)			
Circuit protection	Reverse polarity connection protection, short-circuit protection, electrical surge absorption			
Temperature effect	-25~105°C, within ±10% of sensing distance at 23°C			
Ambient temperature	Work&Storage: -25°C~ + 105°C			
Ambient humidity	Work&Storage: 35~95%			
Withstand Voltage	500 VAC, 50/60 Hz, 1 min			
Insulation resistance	> 20MΩ (DC500V megger) between current-carrying parts and case			
Anti-vibration	10~55Hz, double amplitude 1.5mm, X, Y, Z axes, 2h			
Anti-impact	3 shocks of 500 m/s <sup>2</sup> (approx. 50 G) in X, Y and Z axes			
Protection degree	IEC IP67			
Connection	Connector, M12			
Material	Front plug	PBT		
	Housing	Nickel-plated brass		
	Connector	M12: PA ; Pin: Gold-plated copper		