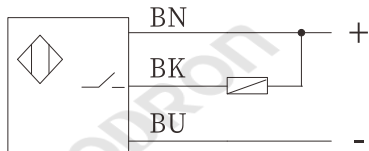
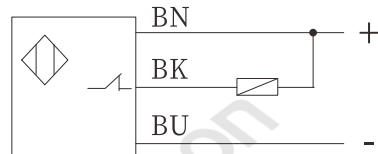
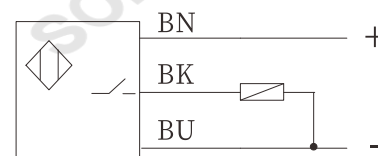
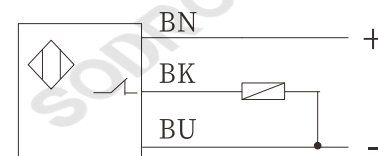
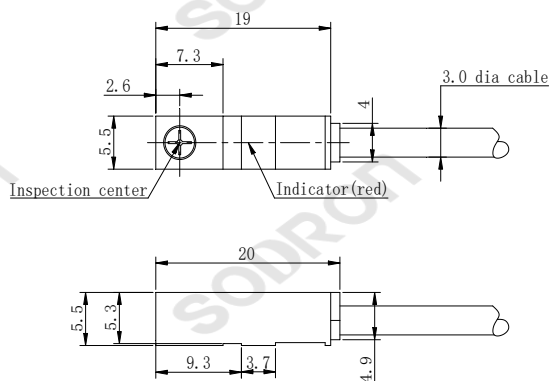


**Model**

SP05F-1B5□□

Product Features

- Simple structure, easy installation
- IEC IP67
- Potted with vacuum impregnation equipment
- Reverse polarity connection protection, short-circuit protection

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

Model	SP05F-1B5NA	SP05F-1B5PA	SP05F-1B5NB	SP05F-1B5PB
Output mode	NPN	PNP	NPN	PNP
Output state	NO	NO	NC	NC
Power supply	10~30V DC			
Current consumption	<10mA			
Sensing distance	1.5mm±10%			
Set distance	0~1.2mm			
Standard target	5*5*1t Q235A (Steel plate)			
Response frequency	1.5KHz			
Repeat accuracy	<5% (Sensing distance)			
Temperature effect	-25~70°C, within ±10% of sensing distance at 23°C			
Hysteresis error	1%~15% (Sensing distance)			
Load Current	<100mA			
Residual Voltage	≤1.5V (Load current:100mA, 2m wire)			
Indicator light	Red LED (Output ON)			
Circuit protection	Reverse polarity connection protection, short-circuit protection			
Ambient temperature	Work&Storage: -25°C~ +70°C			
Ambient humidity	Work&Storage: 35~95% (No dew condensation or icing allowed)			
Withstand voltage	1000 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 ² (approx. 50 G) in X, Y and Z axes			
Protection degree	IEC IP67			
Connection	Cable 2m, Φ3.0 (3-core), Grey, 0.12mm ² , PVC			
Material	Housing PC			