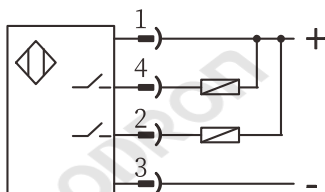
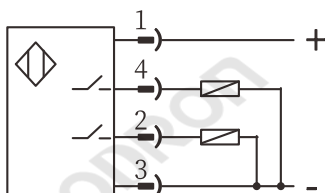
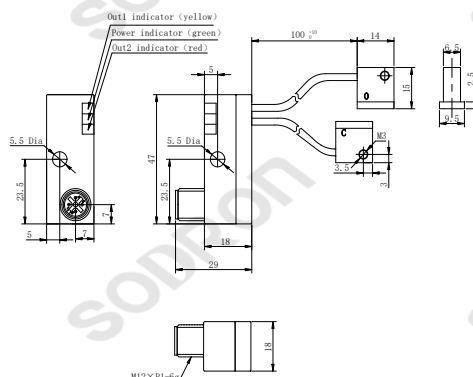


**Model**

SST18Y-02D□A

**Product Features**

- 2-angle mounting supported
- IE IP67
- For gripper cylinder applications
- Resistant to strong magnetic interference > 100 mT

**Connection****NPN****PNP****Dimension****Technical parameters**

Model	SST18Y-02DNA	SST18Y-02DPA
Output mode	NPN	PNP
Output state	NO*2	NO*2
Power supply	10~30V DC	
Current consumption	<30mA	
Sensing distance	2mm±10%	
Set distance	0~1.6mm	
Standard target	8X8X1mm (Iron sheet)	
Response frequency	1KHz	
Repeat accuracy	< 3% (Sensing distance)	
Temperature effect	-40~85°C, within ±10% of sensing distance at 23°C	
Hysteresis error	1%~15% (Sensing distance)	
Load Current	<150mA	
Residual Voltage	≤2.5V (Load current:150mA , 2m wire)	
Indicator light	Power indicator: Green LED, Output 1: Yellow LED, Output 2: Red LED	
Circuit protection	Reverse polarity connection protection, short-circuit protection	
Ambient temperature	Work&Storage: -40°C ~ + 85°C	
Ambient humidity	Work&Storage: 35~95% (No dew condensation or icing allowed)	
Withstand Voltage	1000 VAC, 50/60 Hz, 1 min.	
Insulation resistance	> 50MΩ (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 IP65	
Connection	O, C wires extended (0.1m), power module connector: M12×1	
Material	PA66,PP	