

# Gear sensor SE-G2 Operation manual

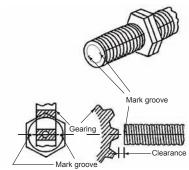
Thank you for purchasing the gear sensor. Please read through the manual to use the product safely.

Model SE-G2 is a solid proximity switch especially designed for gearing sensing. The SE-G2 sensor will provide a square wave signal output and indicate detection via LED indicator on the rear of the unit.

## ■Specification

Model	SE-G2
Power supply	DC+8.5 ~ +16V DC
Power consumption	Less than 10mA
Response frequency	0 ~ 8000Hz
Actuator	Module 1.0 to 1.5
	Magnetic metal
	gearing whose tooth
	width is over 4mm
Output impedance	Voltage output
Out put capacity	DC5 ~ 20V Max.25mA
Target lamp	Yes
Operation temperature	-20 ∼ +70°C
Protection	IP-67
Cable	3Wires 1M

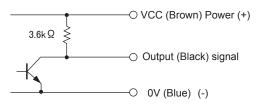
#### ■Installation



- 1.Install the sensor and the actuator on the same line.
- 2. Aligne the grooves to the tooth of the gear.
- 3.Please set the clearance less than 1mm between the sensor and the gear tooth.
- 4. Please keep any other metal material at least 15mm away from the sensor.
- 5. When the output is Low, the target lamp is less bright, and when it is High, it is brighter.
- 6.It detects the tooth of the gear.

## ■Output diagram

Used RPM: 0 to 8000rpm No of teeth: 60 pcs, in case of Module 1.0



### ■Dimension

