

## **HALL Gear Speed Sensor SC12-20K**

**----Adopts the special integrated chips of Honeywell company**

**----Specially designed for the industrial automation design**

### **1.summary:**

The SC12-20K tachometer generator, uses the special-purpose gear rotational speed Hall chip, the monolithic integration, is one kind of the true zero speed numerical differential coefficient Hall effect sensor, applies in the automobile and the manufactured products. Its is suitable for the request harsh transmission and speed of in the gear box product and the precise spacing position. this sensor provides an open collecting electrode output for the direct digital interface, it uses two highly centralized encapsulation.

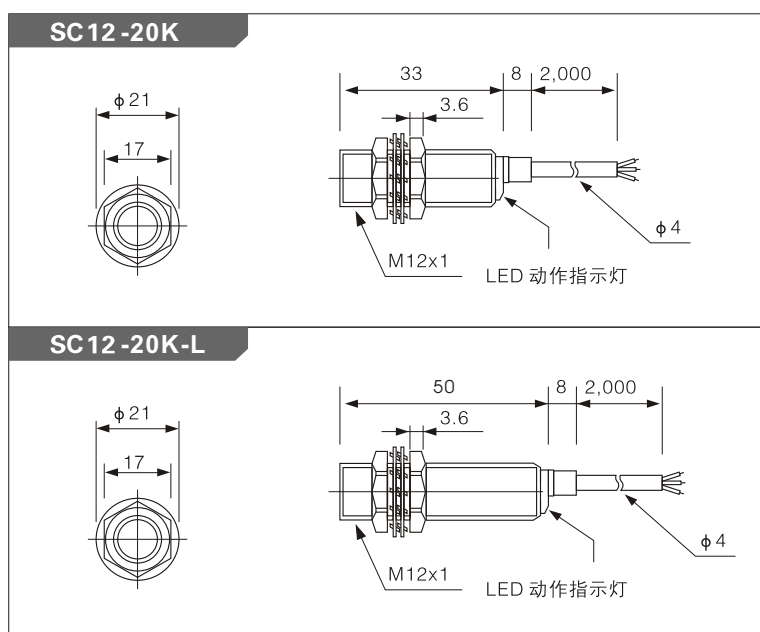
### **2.Application of the special chip design SC12-20K sensor performance characteristics:**

- 1) Monolithic integrated, peripheral devices rarely (5), high reliability
- 2) the optimization design of magnetic force, built-in high magnet, more stable performance
- 3) temperature characteristics, temperature drift, wide range: - 40 °C - 150 °C
- 4) high-speed detection: more than 10KHZ
- 5) and the use of voltage range: 4-24V
- 6) and maximum output current: 20mA, built-in short-circuit protection
- 7) copper thread outside, M12X30mm (L type:M12X50mm ),

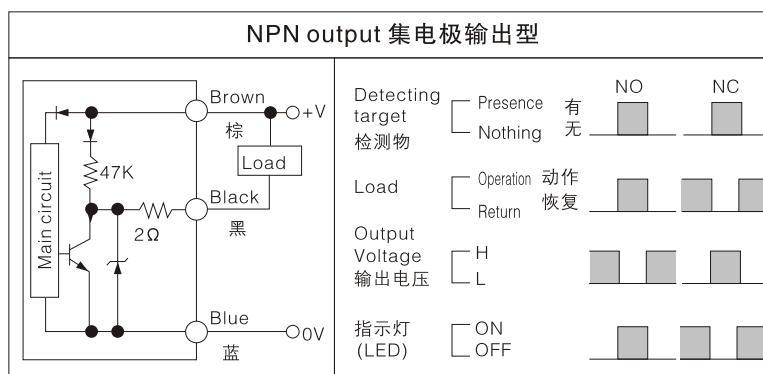
Solid and reliable and convenient installation



### 3.Dimension



### 4.Wiring diagram



### 5.Structure schemes

