

## Advantages of non-contact sensors:

### High switching speed

Sensors have a much higher switching speed compared to mechanical switches. For example, some magnetic speed pickup sensors produced by Tabrizpeguh can operate at switching speeds of up to 25 kHz.

### Long service life

Due to the absence of mechanical contacts and resistance to the ingress of water, oil, dust, etc., they have a long service life.

### No need for force or pressure

Since the sensor operates when the target approaches, there is no need for any force or pressure.

### Suitable for use in various environments with harsh operating conditions

Sensors can be used in environments with high pressure, high temperature, acidic conditions, oil, water, and more.

### No noise generation during switching

Due to the use of semiconductors in the output stage, disruptive noises such as bouncing noise are not generated.

