



## Model name: PPS-11 PPS-12

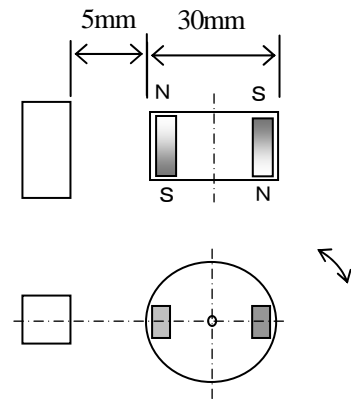
### Feature

- Output occurs with a non-power source.
- The output of the same magnitude is acquired regardless of the inversion rate of an external magnetic field.
- For a simple configuration, it is strong to temperature-and-relative-humidity change, and we secure dependability over a long period of time.
- With the cylinder type detectable in all the circumference surfaces, the model from which a category temperature range differs is prepared.
- PPS-11 is a lead wire type and PPS-12 is a lead terminal type.

### Specification

It is an example of a specification when rotating a par magnet, as shown in the right figure. For details, please ask.

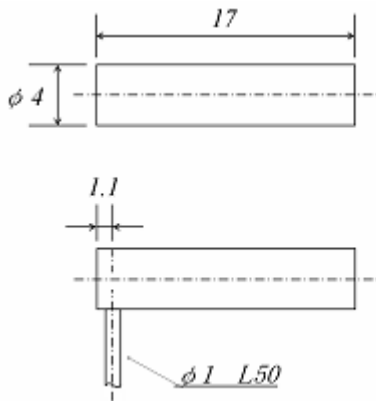
Article	Value of standard
Output voltage	More than $\pm 2.0V$
Pulse Half-value width	20 $\mu s$ (at 2 V, typical)
The shortest action interval	1 kHz
The longest action interval	Indefinitely
Direct current resistance	100 $\Omega$ -200 $\Omega$



Par magnet : NEOMAX-44H 9(Magnetizing direction) $\times 5 \times 2.5$

Reference position of magnet and sensor

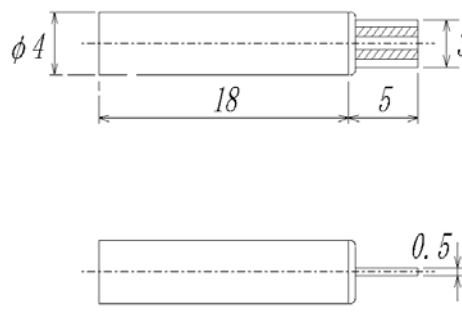
### Outline drawing



PPS-11

Category temperature range:

From -40 to 80 degree Centigrade



PPS-12

Category temperature range:

From -40 to 120 degree Centigrade

### Precautions

- Since change arises in output when the magnetic field which is not a par magnet is added to a sensor, be careful of the service condition of a sensor.
- Please do not arrange a magnetic substance near the sensor.
- This specification and shape may be changed without an advance notice.

