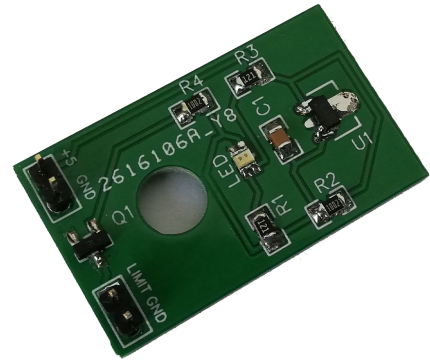


Magnetic Limit Switch ver.2

1 Overview

- High precision sensing
- Onboard led indicating state
- Through-hole for M5 screws, for direct mount
- Very compact design
- Standard connecting pins



2 Description

- Magnetic limit switches filter has the role of point out when a magnet is close to it. This function is done by non-latching hall effect sensor that is mount on the tip of the board.
- This kind of sensor are very precise and sensitive and that makes the board very reliable.
- On board mounted led indicates the state of the sensor: ORANGE when not triggered, RED when triggered. (notice that a trigger came when a magnet came close to the board, ONLY if SOUTH is directed to the board)
- This board works as a normally-closed switch: when a magnet come close, the board will open the circuit bewteen LIMIT and GND pins otherwise, this two pins will remain connected. This feature will improve the immunity of the board to electromagnetic noise.

3 Technical specification

	Unit	Value
Power voltage	V	5.0
Maximum current through the board	A	0.04
Output signal	--	GND
Dimensions	mm * mm * mm	30*18*8.7
Weight	g	2
Temperature range	°C	-40 ÷ 85

4 Pinout

Pin	Signal
GND	GND
+5	+5V Input (from power supply)
LIMIT	Z output signal

5 Measures

