

## NJK-5002C Hall Effect Proximity Sensor

The NJK-5002C is a magnetic Hall Effect proximity sensor which is used as an indicator of position or proximity of magnetic materials. When the NJK-5002C is close to magnetic object, its output sends a control signal in addition to having a status indicator LED which visually supports us in the detection. It can also be used as a speed counter.



- Model: NJK-5002C
- Supply voltage: 5-30VDC
- Detection Distance: 10mm (effective detection distance 0-10mm).
- Load current: <150mA
- Output Form: NPN.
- Output state: Normally Open (NO)
- Detection Objects: Magnetic Material.
- Output Indication: LED (red).
- Probe Dimension: Ø12x32mm.
- Cable Length: 110cm.
- Weight: ~40g.

## Mechanical Dimension:

Unit: mm



### Terminal Assignment:



### How to Connect to Arduino Board ?

