

SN04-N Inductive Proximity Sensor

Lorentzzi SN04-N is an inductive proximity sensor used to indicate the position or proximity of ferrous or metallic materials. It is an ideal tool for detecting opponents in sumo robot designs and is also suitable for applications requiring the counting or detection of metallic or ferrous objects. When the SN04-N approaches a metallic object, its output sends a control signal, and a status indicator light illuminates for visual assistance. It can also be used as a rotation counter in gears or metal wheels.

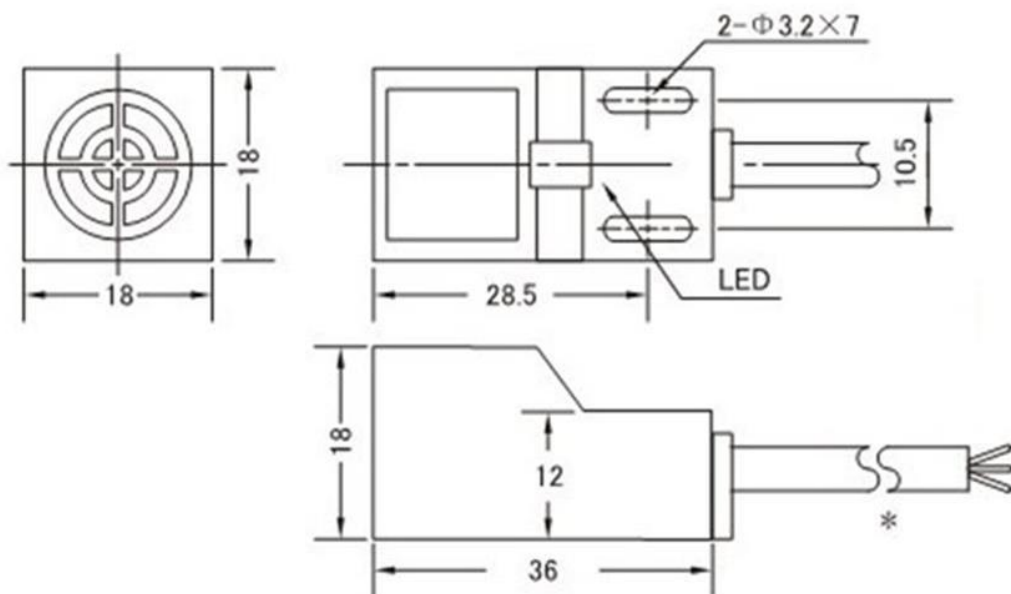


Brief Data:

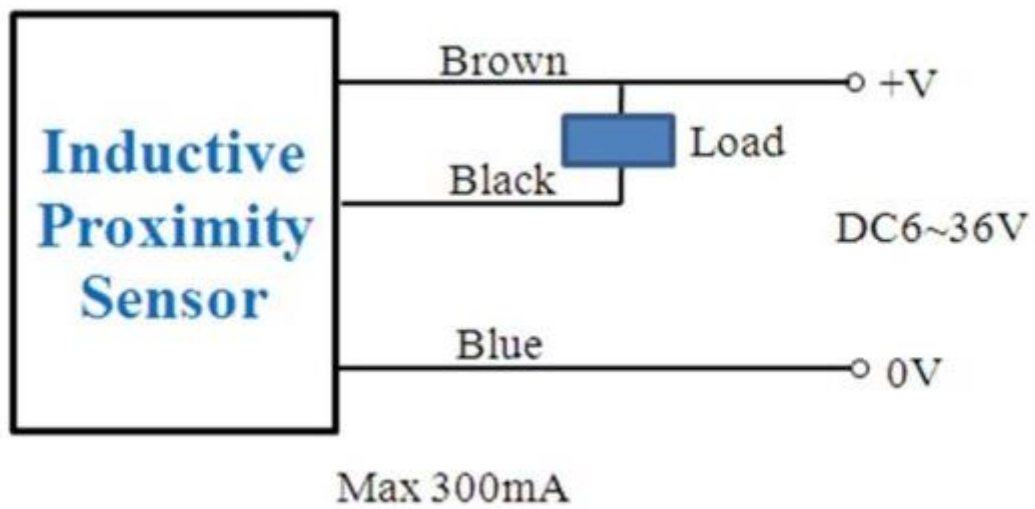
- Working Voltage: 5V~36Vdc.
- Loaded Current: 300mA.
- Response Frequency: 500Hz.
- Detect Range: 0~4mm.
- Output Type: NPN Normally Open (NO).
- Working Environment Temperature: -25°C ~ + 70°C.
- Cable Length: 2.0 meter
- Protection degree: IP67.
- Body Material: Plastic.
- Net Weight: 40g.

Mechanical Dimension:

Unit: mm



Terminal Assignment:



How to Connect to Arduino Board ?

