

NPN to PNP Signal Converter/Adapter Module

FIT0850

Product Overview

01/17/2023

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

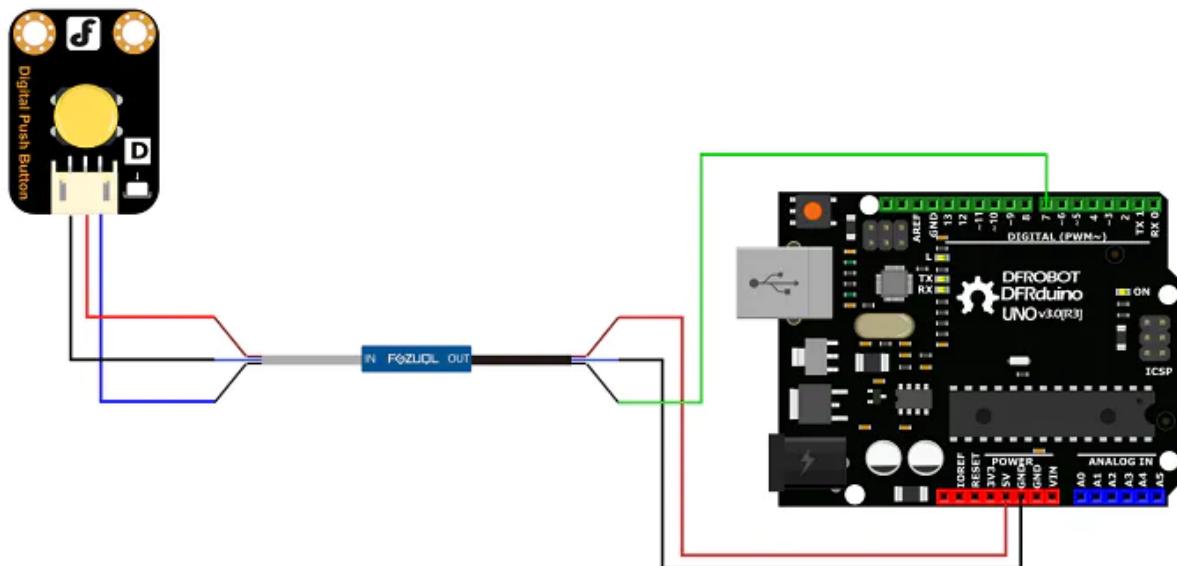
DFRobot NPN to PNP Signal Converter/Adapter Module effectively eliminates the last-minute problems encountered with mismatched signals. This signal converter converts the NPN signal to PNP. The NPN to PNP signal converter module offers surge absorption and over-current protection functions. This signal converter operates within the $5V_{DC}$ to $24V_{DC}$ voltage range and features a maximum load current of 100mA. The NPN to PNP signal converter module comes with a response time of 1 μ s and operates from -20 °C to 70°C temperature range.



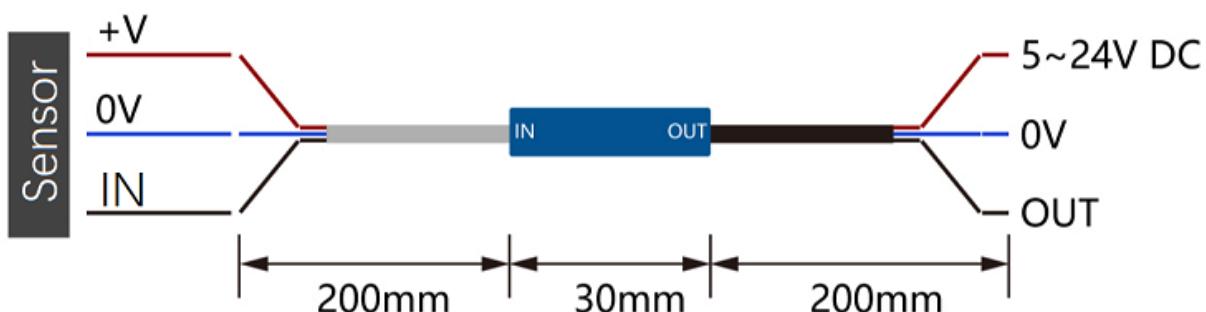
Features

- $5V_{DC}$ to $24V_{DC}$ working voltage
- Current protection:
 - Overcurrent protection
 - Surge absorption
- 100mA maximum load current
- -20°C to 70°C operating temperature range
- 35%RH to 85%RH operating humidity
- 1 μ s response time
- Model:
 - BM-NP
- Conversion:
 - NPN.NO-PNP.NO

Connection Diagram



Pinout Diagram



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-npn-pnp-signal-converter/>