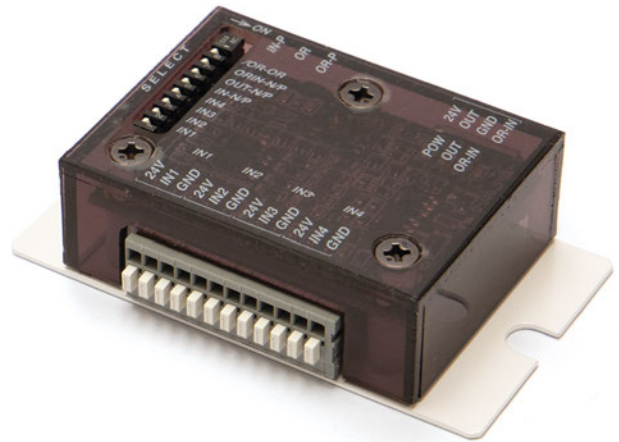


Star® AND Circuit Sensor Board

(Dimensioned drawing shown actual size)

- AND output (series) for 1 to 4 sensors
- Compact design
- Signals can be converted (PNP to NPN & NPN to PNP)
- All sensors in a box must be NPN or PNP, except in a series of boxes where entire boxes can be different.
- LED indicators allow for easy troubleshooting
- Strip wires before inserting them into the box. (Maximum Exposed Conductor Length: 10mm)
- Ensure copper conductors are tightly twisted together before inserting.
- Minimum wire size: 28 AWG (0.08 mm²)



Multi AND Board

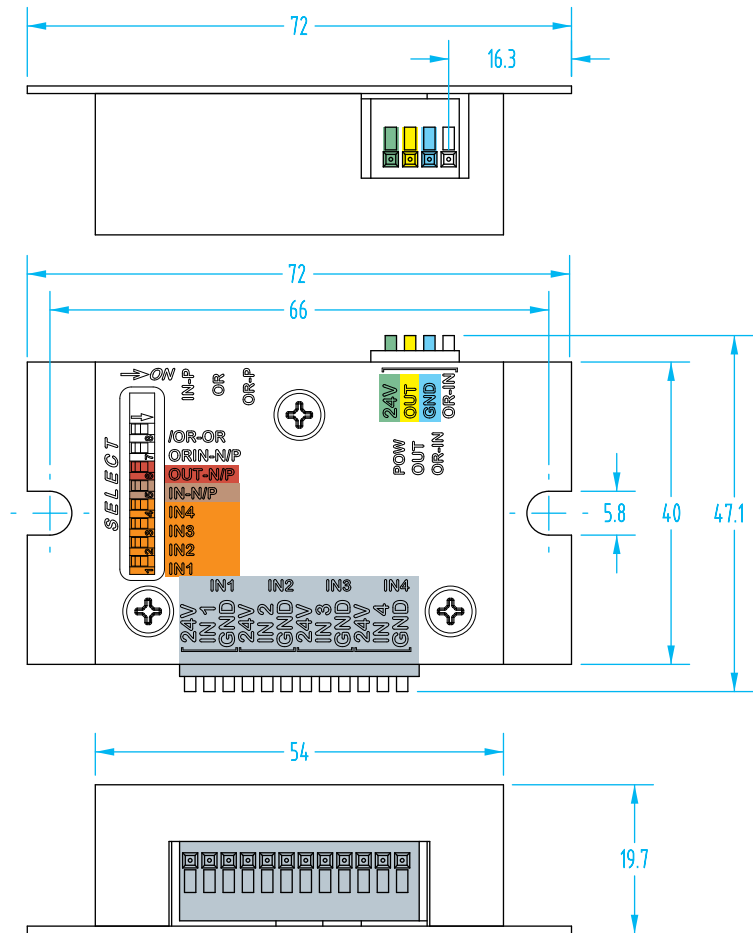
Quick#	Part#	Description	Weight	Price
2689	GSE-AND-EU-4P	4 Inputs, DC24V	57g	\$125.26

Note: M5 mounting hardware is not included.

With these AND boxes, simply push a switch to turn off sensors that you don't want the box to recognize. There is no need to place wire jumpers on unused sensor slots like other sensor boxes.

Color legend:

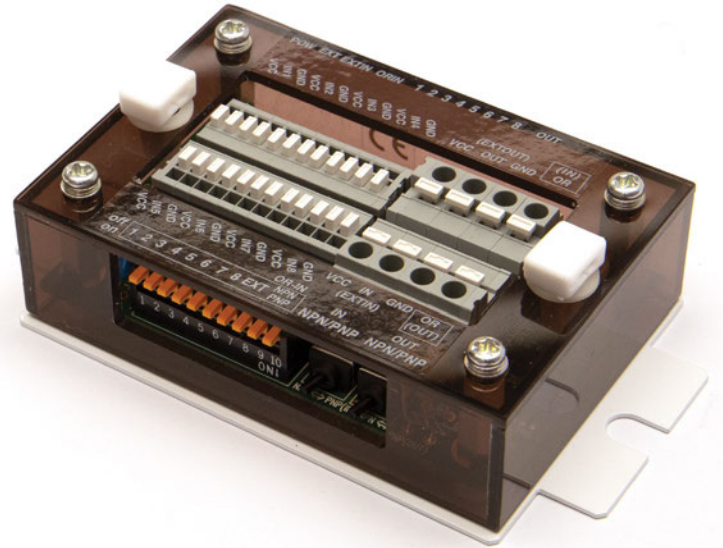
- Green = Input Power (24V dc)
- Blue = Input Power (0V dc)
- Yellow = Output
- Gray = Sensor input area
- Brown = Switch selector for input sensor type
- Red = Switch selector for desired output
- Orange = Sensor On/Off Switches



Star AND Circuit Sensor Board

(Dimensioned drawing shown actual size)

- AND output (series) for 1 to 8 sensors
- Compact design
- Signals can be converted (PNP to NPN & NPN to PNP)
- All sensors in a box must be NPN or PNP, except in a series of boxes where entire boxes can be different.
- LED indicators allow for easy troubleshooting
- Expandable up to 32 inputs with additional boxes (4 boxes total).
- Strip wires before inserting them into the box. (Maximum Exposed Conductor Length: 10mm)
- Ensure copper conductors are tightly twisted together before inserting.
- Minimum wire size: 28 AWG (0.08 mm²)



Multi AND Board

Quick#	Part#	Description	Weight	Price
2690	GSE-AND-EU-8P	8 Inputs, DC24V	115g	\$178.95

Note: M5 mounting hardware is not included.

Color legend:

- Green = Input Power (24V dc)
- Blue = Input Power (0V dc)
- Yellow = Output
- Gray = Sensor input area
- Brown = Switch selector for input sensor type
- Red = Switch selector for desired output
- Orange = Sensor On/Off Switches

When adding an additional sensor box in a series, the Output Switch on the added sensor boxes must be set to NPN even if sensors are PNP. The first box can either be NPN or PNP, based on your robot.

