

H-GTSEN2 Wiring Diagram

Part Number: H-GTSEN2

Connector Part Number: N/A

Drawing Revision 3 - 24/8/2025



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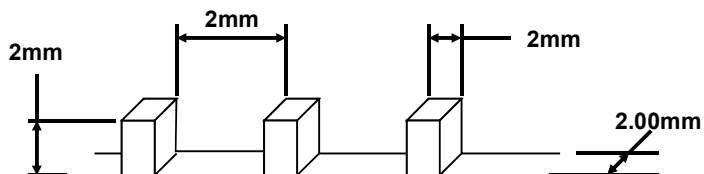
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SPECIFICATIONS

Operating Voltage : 4.7 to 24 Volts
Maximum Output Current : 25mA
Temperature range : -40 to +125 C
Max Reverse voltage : - 25 Volts

RECOMMENDED MINIMUM TOOTH HEIGHT/GAP/WIDTH



NOTE:

Recommended Sensor To Tooth Air Gap: 1.0 to 1.5mm
Max Sensor to tooth Gap: 2mm

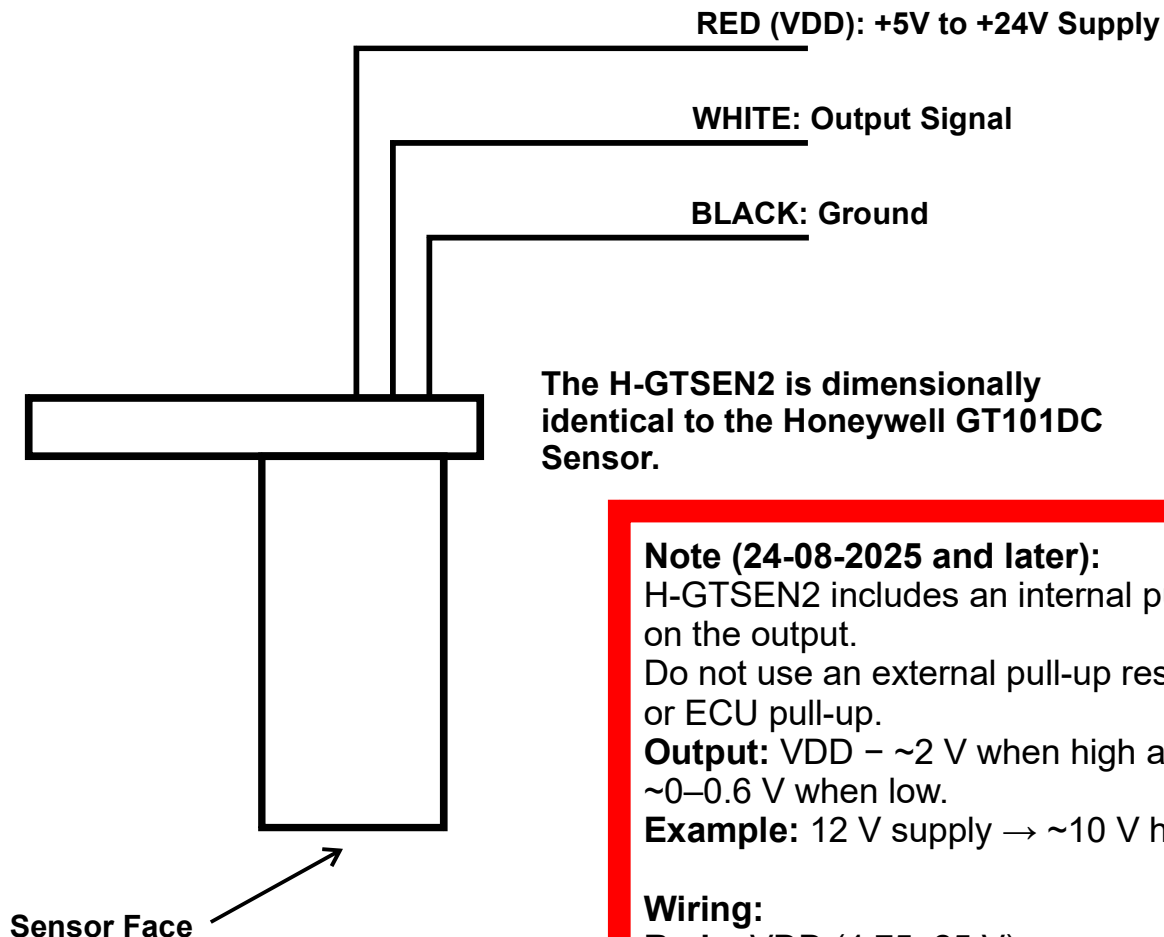
NOTE:

The H-GTSEN2 is a high speed version of the Honeywell GT101 Sensor.

It can be used in multi-tooth applications such as 36-1, where the GT101 sensor will struggle to see the individual teeth at higher RPMs.

The H-GTSEN2 pulls the Output Signal wire to ground when a ferrous material is at the sensor face.

The H-GTSEN2 Sensor releases the Output Sensor wire when there is no ferrous material at the sensor face.



The H-GTSEN2 is dimensionally identical to the Honeywell GT101DC Sensor.

Note (24-08-2025 and later):

H-GTSEN2 includes an internal pull-up on the output.

Do not use an external pull-up resistor or ECU pull-up.

Output: VDD – ~2 V when high and ~0–0.6 V when low.

Example: 12 V supply → ~10 V high

Wiring:

Red = VDD (4.75–25 V)

Black = GND

White/Black = OUT to ECU input