



# H-GTSEN2 Wiring Diagram

Part Number: H-GTSEN2

Connector Part Number: N/A

Drawing Revision 1 - 20/2/2017



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## SPECIFICATIONS

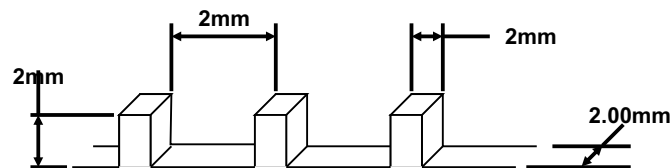
Operating Voltage :4.7 to 14 Volts

Maximum Output Current :20mA

Temperature range :-40 to +125 C

Max over voltage And Reverse voltage : +25- - 25

## RECOMMENDED TOOTH CONFIGURATION



Recommended Sensor To Tooth Air Gap: 1.0 to 1.5mm  
Max Sensor to tooth Gap: 5mm

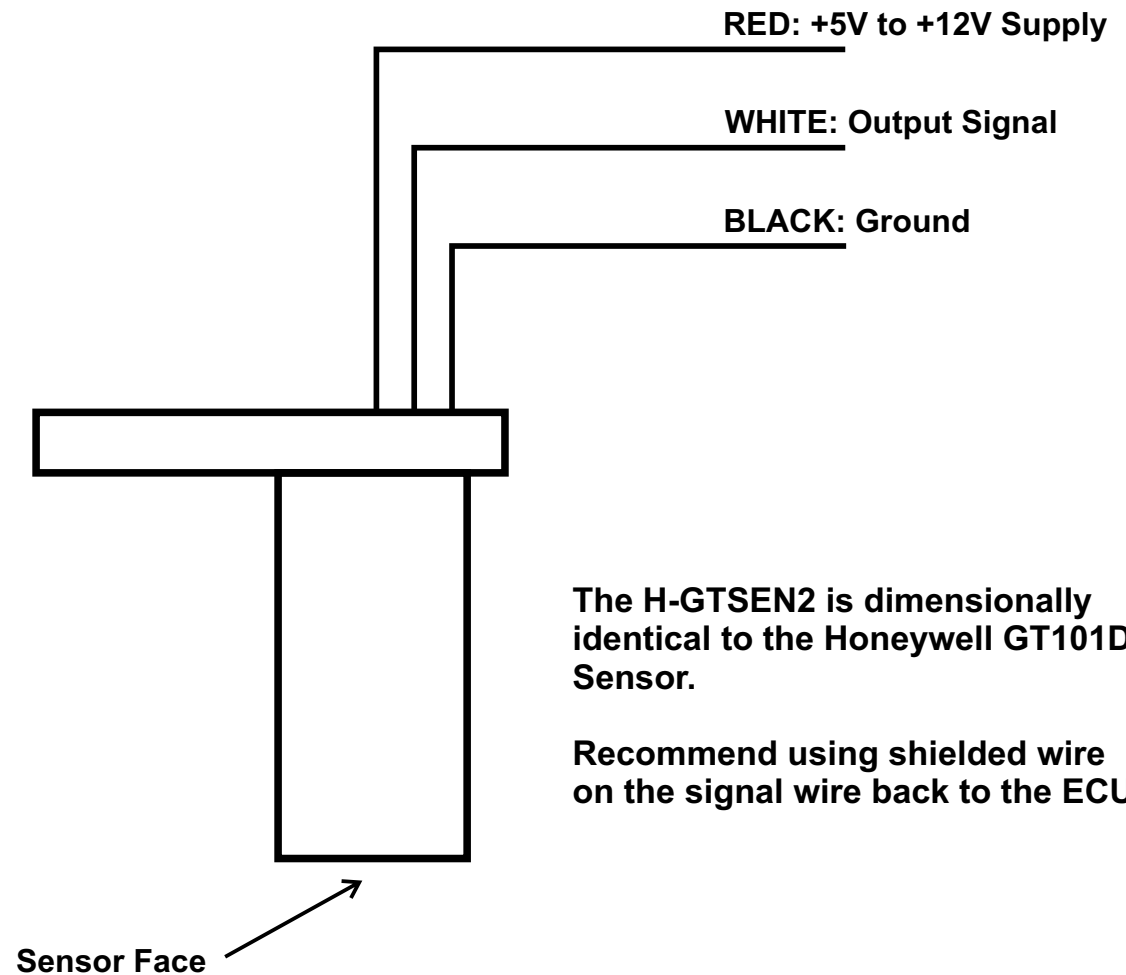
## NOTE:

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.

Recommend using shielded wire on the signal wire back to the ECU

### H-GTSEN3 Wiring Diagram

Part Number: H-GTSEN3  
Connector Part Number: N/A  
Drawing Revision 2 - 30/8/2017



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**BROWN: +5V to +24V Supply**

**BLACK: Output Signal**

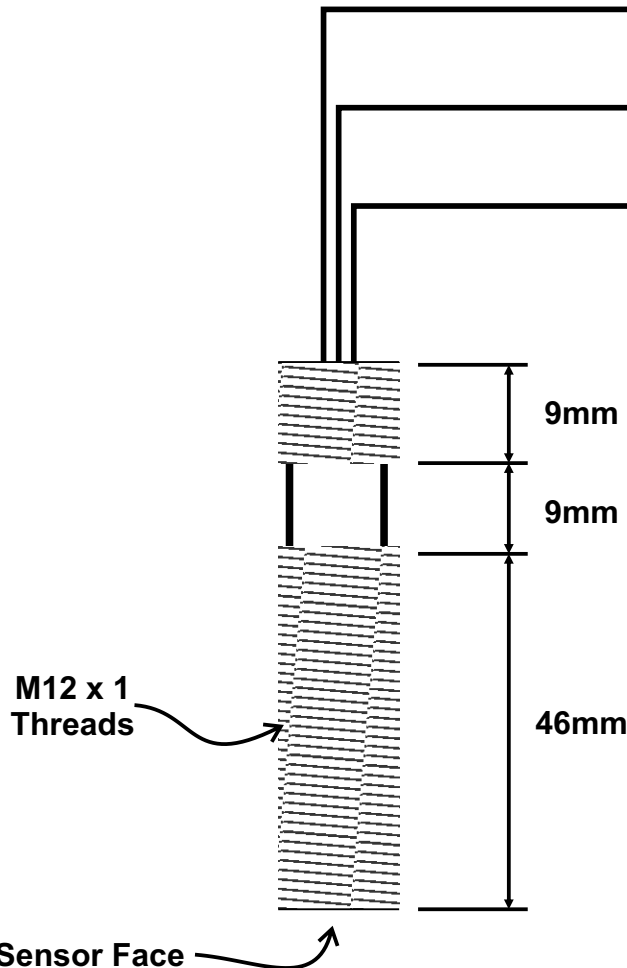
**BLUE: Ground**

**NOTE:**

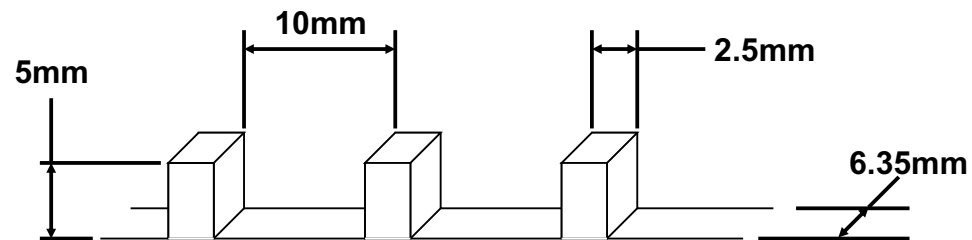
The H-GTSEN3 Sensor pulls the Output Signal wire to ground when a ferrous material is at the sensor face.

The H-GTSEN3 Sensor releases the Output Sensor wire when there is no ferrous material at the sensor face.

Recommended Pullup Resistor Vs Supply Voltage:  
DC Volts: 5V 9V 12V 15V 24V  
Ohms: 1k 1.8k 2.4k 3k 3k



**RECOMMENDED TOOTH CONFIGURATION**



**NOTE:**

Recommended Sensor / Tooth Air Gap: 1.5mm  
Recommended Tooth Height: 5mm  
Recommended Tooth Spacing: 10mm  
Recommended Tooth Width: 2.5mm  
Recommended Tooth Thickness: 6.35mm