

# Speed Sensor Datasheet

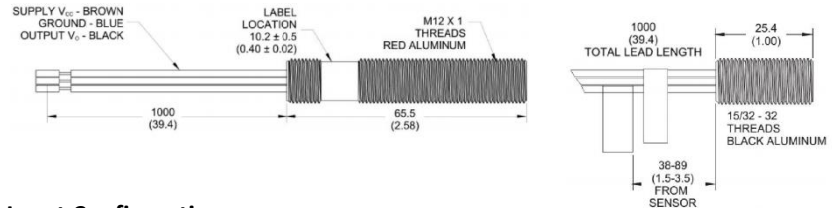
SENSPD500 / SENSPD501

## Specifications

<b>Housing:</b>	Anodised Aluminium
<b>Typical Air Gap:</b>	1.5mm
<b>Connector:</b>	Flying Lead
<b>Supply Voltage:</b>	5 – 24V
<b>Max Frequency:</b>	15 kHz
<b>Max Operating Temp:</b>	125°C

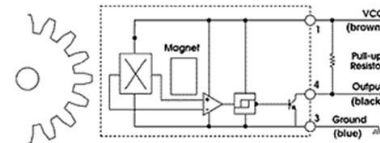
## Pinout

- Brown:** Supply  $V_{CC}$
- Blue:** Ground 0V
- Black:** Output Signal



## Input Configuration

A pull-up resistor is required for correct operation. Most ECU digital inputs will have this function internally but where no internal pullup is available an external pull-up resistor of  $\sim 3K\Omega$  should be used as shown below.



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