

OneGauge Sensor List – Updated 4/23/19

Sensor Name	Application	Sizes Available	Installation Details	Other Information
Threaded Temperature Sensors	Coolant, oil, transmission, or any other threaded port	3/8" NPT Analog 1/8" NPT Digital Other sizes with adapters or bushings	Installs in factory port. Some applications, like transmission, may require adding a port.	Standard OneGauge Hub supports up to 2 Analog and 7 digital temperature sensors
High Temperature Sensors	Extreme heat – exhaust and cylinder head	1/8" NPT, other sizes available upon request	Installs in factory port.	Works with any K-type thermocouple sensors
Non-threaded Temperature Sensors	Ambient air temperature (outside, inside, vents, or other)	N/A Sensor is cylinder shaped and approx. 1/8" diameter	Custom install	Standard OneGauge Hub supports up to 7 digital temperature sensors
Pressure Sensors	Oil, fuel, brake, or any other pressure gas or liquid with a threaded port	1/4" Analog 1/8" Digital 3/8" Digital (for oil pressure)	Installs in factory port. Hose applications for liquid require a hose tee.	Standard OneGauge Hub supports 1 analog and up to 5 digital pressure sensors
Vacuum/Boost Sensor	Measures manifold vacuum/boost	1/4" nipple requires 1/4" vacuum hose	Requires vacuum hose run from manifold vacuum source	Standard OneGauge Hub supports 1 vacuum/boost sensor
Voltage Sensors	Measure voltage	N/A	-Battery voltage measured automatically -Run voltage wire for any additional voltage measurements	All OneGauge automatically measure battery voltage and there are 2 additional voltage measurement terminals
Fuel Level Sensor	Measure fuel level	N/A	Tap into existing wiring	Uses stock fuel sender to provide resistance readings
Fuel Flow Sensor	Measures flow through the fuel hose	5/16" and 3/8" hose sizes	Installs in-line in fuel hose	Not meant to provide an exact measurement of fuel flow- for reference only
RPM Sensor	Measures engine rpm	Uses Dakota Digital DSL-1E or SGI-8 sensor (included with RPM sensor purchase)	Run a wire from negative terminal of coil or tach output of HEI distributor. Also works with diesel applications	See Dakota Digital website for sensor details and compatability
Air/Fuel or Oxygen Sensors	Measures air/fuel ratio	Uses Innovate Motorsport LC-2 to control and monitor a Bosch 4.9 oxygen sensor	Installs into a bung welded into the exhaust manifold/pipe	Standard OneGauge Hub can typically support 2 oxygen sensors (replaces two digital pressure sensors)
GPS Sensor	Provides speed, altitude, compass direction, and latitude/longitude if desired	N/A	None	Only required for LCD screens For those using the Torque App, the device provides GPS info
Accelerometer/ Inclinometer Sensor	Provides vehicle pitch and roll	N/A	None	Only required for LCD screens For those using the Torque App, the device provides accelerometer info

OneGauge Sensor Checklist:		
	OneGauge Terminal	Suggested/Common Sensor Use*
<input type="checkbox"/>	Analog Temperature 1	Coolant Temperature
<input type="checkbox"/>	Analog Temperature 2	Oil Temperature
<input type="checkbox"/>	Analog Pressure 1	Oil Pressure
<input type="checkbox"/>	Fuel Temperature	Fuel Temperature
<input type="checkbox"/>	Additional analog pressure or temperature port	Custom addition- please email OneGauge to verify
<input type="checkbox"/>	Digital Pressure 1 (30 or 100 PSI max)	Fuel Pressure
<input type="checkbox"/>	Vacuum/Boost Sensor	Vacuum/Boost
<input type="checkbox"/>	Digital Pressure 2	Digital Oil Pressure
<input type="checkbox"/>	Digital Pressure 3 (100 PSI max) or Oxygen Sensor	Threaded pressure application
<input type="checkbox"/>	Digital Pressure 4 (100 PSI max) or Oxygen Sensor	Threaded pressure application
<input type="checkbox"/>	Digital Pressure 5 (200 PSI max)	Threaded pressure application
<input type="checkbox"/>	Digital Pressure 6 (200 PSI max)	Threaded pressure application
<input type="checkbox"/>	Voltage 1	Monitor the voltage of any accessory (up to 25v)
<input type="checkbox"/>	Voltage 2	Monitor the voltage of any accessory (up to 25v)
<input checked="" type="checkbox"/>	Battery/Charging System Voltage	Included in all OneGauge Hubs
<input type="checkbox"/>	Fuel Level Sensor	Uses stock fuel level sender
<input type="checkbox"/>	Fuel Flow Sensor	Measures liquid flow
<input type="checkbox"/>	RPM sensor	Measures engine revolutions per minute
<input type="checkbox"/>	Digital Temperature Sensor 1**	Ambient air temp- outside air
<input type="checkbox"/>	Digital Temperature Sensor 2	Ambient air temperature- in vehicle temperature
<input type="checkbox"/>	Digital Temperature Sensor 3	Ambient air temperature- vent heat/air temp
<input type="checkbox"/>	Digital Temperature Sensor 4	Digital coolant temperature
<input type="checkbox"/>	Digital Temperature Sensor 5	Digital oil temperature
<input type="checkbox"/>	Digital Temperature Sensor 6	Transmission temperature
<input type="checkbox"/>	Digital Temperature Sensor 7	Additional digital temperature
<input type="checkbox"/>	High Temp Sensor 1	Exhaust Temp
<input type="checkbox"/>	High Temp Sensor 2	Cylinder Head temp or other hi temp application
<input type="checkbox"/>	GPS Sensor	Only used for LCD screen application (not Torque App)
<input type="checkbox"/>	Accelerometer Sensor	Only used for LCD screen application (not Torque App)
<input type="checkbox"/>	Odometer	Only used for LCD screen application (not Torque App)

*This is only a suggestion. Each gauge can be renamed in either the Torque App or when the LCD screen is designed so if you use this terminal for a different purpose the gauge can be renamed.

**All digital temperature sensors 1-7 can be threaded or unthreaded