

# Engine Sensors That Can Be Selected In Dynon Avionics EMS-D10, EMS-D120, and FlightDEK-D180

As of firmware v5.6

Sensor Group	Sensor Type In SENSOR SETUP	Physical Sensor
Carburetor Temperature	1	Dynon Avionics P/N 100413-000 (with black wires)
	2	GRT CARB-01
	3	Dynon Avionics P/N 100468-000 (with white/black wires)
Coolant Pressure	1	Dynon Avionics P/N 100411-000 Legacy 0-30 PSI
	2	Dynon Avionics P/N 101716-000 Kavlico 50 PSI
Coolant Temperature	1	Dynon Avionics P/N 100409-001 5/8-18 UNF
	2	Chevrolet LS7 pre-installed
	3	Dynon Avionics P/N 100409-000 1/8-27 NPT
	4	Rotax 801-10-1
Current (Amps Shunt)	1	Dynon Avionics P/N 100412-000
	2	GRT CS-01
Fuel Level	1	Resistive Float
	2	Capacitive (Voltage Output)
Fuel Pressure	1	Dynon Avionics P/N 100411-000 Legacy 0-30 PSI (Carbureted)
	2	Dynon Avionics P/N 100411-001 Legacy 0-80 PSI (Fuel Injection)
	3	GRT LPS-02 (remove the external pull-up resistor)
	4	Stewart Warner 82504-F
	5	Dynon Avionics P/N 101715-000 Kavlico 5 PSI (Gravity Feed)
	6	Dynon Avionics P/N 101690-000 Kavlico 15 PSI (Carbureted)
	7	Dynon Avionics P/N 101716-000 Kavlico 50 PSI (Fuel Injection)
General Purpose Temperature	1	Dynon P/N 100433-000 (2-wire) or Dynon P/N 100433-001 (3-wire, modified)
	2	GRT OAT-01
General Purpose Thermocouple	1	J Type Thermocouple
	2	K Type Thermocouple
Manifold Pressure	1	Dynon Avionics P/N 100434-000
	2	GRT MAP-01 or GRT MAP-02
Oil Pressure	1	Dynon Avionics P/N 100411-002 (Legacy 0-150 PSI) or Rotax 912 pre-installed (prior to mid-2008)
	2	GRT HPS-01
	3	Jabiru pre-installed
	4	Rotax P/N 956413 (mid-2008 and later)
	5	Dynon Avionics P/N 101693-000 (Kavlico 150 PSI)
Oil Temperature	1	Dynon Avionics P/N 100409-001 5/8-18 UNF
	2	Dynon Avionics P/N 100409-000 1/8-27 NPT
	3	GRT FT-LC-01
	4	Rotax pre-installed
	5	Jabiru pre-installed
	6	Chevrolet LS7 pre-installed
Oil Temperature (2 wires)	7	MGL 2-wire
	8	MS28034-3 2-wire
	9	Westach 399S7 (1/8-27 NPT) or Westach 299S9 – (5/8-18 UNF)
	10	UMA 1B1 (1/8-27 NPT) or UMA 1B3 (5/8-18 UNF)
Outside Air Temperature	1	Dynon P/N 100433-000 (2-wire) or Dynon P/N 100433-001 (3-wire, modified)
	2	GRT OAT-01