



MoTec M8\_dataSet1  
Communication protocol  
Release 1.00

## MoTec M8-DataSet1 communication protocol

Channels received by AIM loggers connected to MoTec M8\_DataSet1 ECU are:

ID	CHANNEL NAME	FUNCTION
ECU_1	M8_RPM	RPM
ECU_2	M8_THROTPOS	Throttle position
ECU_3	M8_MANIFPRES	Manifold air pressure
ECU_4	M8_AIRTEMP	Intake air temperature
ECU_5	M8_ENGINE_TEMP	Engine temperature
ECU_6	M8_LAMBDA1	Lambda value 1
ECU_7	M8_LAMBDA2	Lambda value 2
ECU_8	M8_EXHMANIFPRES	Exhaust gas manifold pressure
ECU_9	M8_FUEL_TEMP	Fuel temperature
ECU_10	M8_FUEL_PRESS	Fuel pressure
ECU_11	M8_OIL_TEMP	Oil temperature
ECU_12	M8_OIL_PRESS	Oil pressure
ECU_13	M8_BATTVOLT	Battery supply
ECU_14	M8_ECU_TEMP	ECU Temperature
ECU_15	M8_DGT_SPEED1	Digital vehicle speed 1
ECU_16	M8_DGT_SPEED2	Digital vehicle speed 2
ECU_17	M8_DGT_SPEED3	Digital vehicle speed 3
ECU_18	M8_DGT_SPEED4	Digital vehicle speed 4
ECU_19	M8_GROUND_SPEED	Ground speed
ECU_20	M8_DRIVE_SPEED	Dashboard speed
ECU_21	M8_SLIP	Driven/dragged speed difference
ECU_22	M8_LAMBDA1SHORTTRIM	Lambda short trim
ECU_23	M8_LAMBDA1LONGTRIM	Lambda long trim
ECU_24	M8_GEAR	Engaged gear