

Electromotive CAN bus communication protocol

Channels received by AIM loggers connected to Electromotive CAN bus ECU are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ELMCAN_RPM	RPM
ECU_2	ELMCAN_MAP	Manifold air pressure
ECU_3	ELMCAN_TPS	Throttle position sensor
ECU_4	ELMCAN_ADVANCE	Spark advance
ECU_5	ELMCAN_SECONDARY_ADV	Secondary advance
ECU_6	ELMCAN_PRIMARY_PW	Primary power
ECU_7	ELMCAN_SECONDARY_PW	Secondary power
ECU_8	ELMCAN_GAMA	
ECU_9	ELMCAN_EGO_VOLT	Lambda Voltage
ECU_10	ELMCAN_KNOCK	Knock sensor
ECU_11	ELMCAN_ACTUAL_AFR	Actual air/fuel ratio
ECU_12	ELMCAN_DESIRED_AFR	Desired air/fuel ratio
ECU_13	ELMCAN_EGO_CORR	Lambda Correction
ECU_14	ELMCAN_KNK_RETARD	Knock retard
ECU_15	ELMCAN_ECT	Engine cooling temperature
ECU_16	ELMCAN_MAT	Manifold air temperature
ECU_17	ELMCAN_BATV	Battery voltage
ECU_18	ELMCAN_IAC_POS	Idle air control position
ECU_19	ELMCAN_IAC_DIR	Idle air control direction
ECU_20	ELMCAN_SPEED	Speed
ECU_21	ELMCAN_INJCTR_DC	Injection control DC
ECU_22	ELMCAN_GPIO1	
ECU_23	ELMCAN_GPIO2	
ECU_24	ELMCAN_GPIO3	
ECU_25	ELMCAN_GPIO4	
ECU_26	ELMCAN_GPIO5	
ECU_27	ELMCAN_GPIO6	

ECU_28 ELMCAN_GPIO7
ECU_29 ELMCAN_GPIO8
ECU_30 ELMCAN_GPIO9
ECU_31 ELMCAN_GPIO10
ECU_32 ELMCAN_GPIO11