message_index

Message Name	Message Index	Signal Name	Signal Index	Signal Units
VECTOR__INDEPENDENT_SIG_MSG:	0			
		Reserved_Byte_8	0	
		Reserved_Byte_7	1	
		Twist_Request_Min	2	Nm-2
		Twist_Request_Max	3	Nm-2
		Reserved_Byte_2	4	
		Reserved_Byte_1	5	
		Torque_Automation_Requested	6	
		Steer_Automation_Requested	7	
		Torque_Request	8	%
		Steer_Request	9	%
		Customer_Control_1_Alive	10	
		Customer_Control_1_CRC	11	
		Torque_Automation_State	12	
		Steer_Automation_State	13	
		Torque_Automation_Saturated	14	
		Steer_Automation_Saturated	15	
		Torque_Automation_Granted	16	
		Torque_Automation_Available	17	
		Steer_Automation_Granted	18	
		Steer_Automation_Available	19	
		Torque_Request_Min	20	%
		Torque_Request_Max	21	%
		Steer_Request_Min	22	%
		Steer_Request_Max	23	%
		StreetDrone_Control_1_CRC	24	
		StreetDrone_Control_1_Alive	25	
		Angular_Rate_Request	26	rad/s
		Linear_Velocity_Request	27	m/s
		Controller_Type_Request_Zs	28	
		Controller_Type_State_Zs	29	
		Linear_Velocity_Min	30	m/s
		Linear_Velocity_Max	31	m/s
		Angular_Rate_Min	32	rad/s
		Angular_Rate_Max	33	rad/s
		Angular_Rate_Actual	34	rad/s
		Linear_Velocity_Actual	35	m/s
		PRND_Request_Zs	36	
StreetDrone_Data_3	1			
		RR_WheelSpeed_Rpm	0	
		RL_WheelSpeed_Rpm	1	
		FR_WheelSpeed_Rpm	2	
		FL_WheelSpeed_Rpm	3	
Customer_Control_2:	2			
		Reserved_Byte_6	0	

		Reserved_Byte_5	1	
		Reserved_Byte_4	2	
		Reserved_Byte_3	3	
		Hazard_Warning_B	4	
		Reserved_Byte_2	5	
		Reserved_Byte_1	6	
		Main_Beam_Command_B	7	
		Dipped_Lights_Command_B	8	
		Side_Lights_Command_B	9	
		Right_Indicator_Command_B	10	
		Left_Indicator_Command_B	11	
		Horn_Command_B	12	
StreetDrone_Data_2:	3			
		Remote_Auto_Mode_Ack_B	0	
		PRND_Actual_Zs	1	
		Main_Beam_B	2	
		Dipped_Lights_B	3	
		Side_Lights_B	4	
		Right_Indicator_B	5	
		Left_Indicator_B	6	
		Reverse_Light_B	7	
		Brake_Light_B	8	
		Horn_B	9	
StreetDrone_Diag_Error_Raw_Delta:	4			
		GCU_B_Delta_Error_Flags	0	
		GCU_A_Delta_Error_Flags	1	
StreetDrone_Diag_Error_Raw_B:	5			
		GCU_B_Signal_Error_Flags	0	
		GCU_B_Sensor_Error_Flags	1	
		GCU_B_CAN_Error_Flags	2	
		GCU_B_ADC_Error_Flags	3	
StreetDrone_Diag_Error_Raw_A:	6			
		GCU_A_ADC_Error_Flags	0	
		GCU_A_CAN_Error_Flags	1	
		GCU_A_Sensor_Error_Flags	2	
		GCU_A_Signal_Error_Flags	3	
StreetDrone_Diag_Error_Code:	7			
		XCU_Error_Code	0	
		XCU_Error_Time_Latched	1	s
StreetDrone_Diag_XCU_Time:	8			
		XCU_Time_B	0	s
		XCU_Time_A	1	s
StreetDrone_Diag_XCU_State:	9			

		XCU_Internal_State_Latched_B	0	
		XCU_Internal_State_B	1	
		XCU_Internal_State_Latched_A	2	
		XCU_Internal_State_A	3	
		Torque_Automation_State_Latched	4	
		Torque_Automation_State	5	
		Steer_Automation_State_Latched	6	
		Steer_Automation_State	7	
		XCU_Power_Mode_Latched	8	
		XCU_Power_Mode	9	
StreetDrone_Data_1:	10			
		Base_Vehicle_HV_SOC	0	%
		Torque_Setpoint	1	%
		Steer_Setpoint	2	%
		Steer_Actual	3	%
		Speed_Actual	4	km/h
		Pedal_Actual	5	%
		Brake_Actual	6	Bar
Customer_Control_1:	11			
		Reserved_Byte_3	0	
		Reserved_Byte_2	1	
		Reserved_Byte_1	2	
		Torque_Automation_Requested	3	
		Steer_Automation_Requested	4	
		Torque_Request	5	%
		Steer_Request	6	%
		Customer_Control_1_Alive	7	
		Customer_Control_1_CRC	8	
StreetDrone_Control_1:	12			
		Torque_Automation_State	0	
		Steer_Automation_State	1	
		Torque_Automation_Saturated	2	
		Steer_Automation_Saturated	3	
		Torque_Automation_Granted	4	
		Torque_Automation_Available	5	
		Steer_Automation_Granted	6	
		Steer_Automation_Available	7	
		Torque_Request_Min	8	%
		Torque_Request_Max	9	%
		Steer_Request_Min	10	%
		Steer_Request_Max	11	%
		StreetDrone_Control_1_CRC	12	
		StreetDrone_Control_1_Alive	13	
StreetDrone_Diag_CAN:	13			

		Customer_CAN_CRC_Errors_Count	0	
		Customer_CAN_Alive_Errors_Count	1	
BMC_Acceleration:	14			
		Acceleration_X	0	mG
		Acceleration_Y	1	mG
		Acceleration_Z	2	mG
		Temperature	3	°C
		VerticalAxis	4	
		Orientation	5	
BMC_MagneticField:	15			
		MagneticField_X	0	µT
		MagneticField_Y	1	µT
		MagneticField_Z	2	µT
L3GD20_Rotation_A:	16			
		Rotation_X	0	°/s
		Rotation_Y	1	°/s
L3GD20_Rotation_B:	17			
		Rotation_Z	0	°/s
GPS_Status:	18			
		GPS_AntennaStatus	0	
		GPS_NumSatellites	1	
		GPS_NavigationMethod	2	
GPS_CourseSpeed:	19			
		GPS_Course	0	°
		GPS_Speed	1	km/h
GPS_PositionLongitude:	20			
		GPS_Longitude_Degree	0	°
		GPS_Longitude_Minutes	1	'
		GPS_IndicatorEW	2	
GPS_PositionLatitude:	21			
		GPS_Latitude_Degree	0	°
		GPS_Latitude_Minutes	1	'
		GPS_IndicatorNS	2	
GPS_PositionAltitude:	22			
		GPS_Altitude	0	m
GPS_Delusions_A:	23			
		GPS_PDOP	0	
		GPS_HDOP	1	

GPS_Delusions_B:	24			
		GPS_VDOP	0	
GPS_DateTime:	25			
		UTC_Year	0	
		UTC_Month	1	
		UTC_DayOfMonth	2	
		UTC_Hour	3	
		UTC_Minute	4	
		UTC_Second	5	
IO:	26			
		Din1_Status	0	
		Din2_Status	1	
		Dout_Status	2	
		SD_Present	3	
		GPS_PowerStatus	4	
		Device_ID	5	
RTC_DateTime:	27			
		RTC_Sec	0	
		RTC_Min	1	
		RTC_Hour	2	
		RTC_DayOfWeek	3	
		RTC_DayOfMonth	4	
		RTC_Month	5	
		RTC_Year	6	
Out_IO:	28			
		Dout_Set	0	
		GPS_SetPower	1	
Out_PowerOff:	29			
		Device_PowerOff	0	
Out_Gyro:	30			
		Gyro_SetScale	0	°/s
Out_BMC_AccScale:	31			
		Acc_SetScale	0	
Out_SaveConfig:	32			
		Config_SaveToEEPROM	0	
Out_RTC_SetTime:	33			
		RTC_SetSec	0	
		RTC_SetMin	1	
		RTC_SetHour	2	
		RTC_SetDayOfWeek	3	
GPS_Delusions_B:		RTC_SetDayOfMonth	4	

		RTC_SetMonth	5
		RTC_SetYear	6
Out_RTC_TimeFromGPS:	34		
		RTC_SetTimeFromGPS	0
Out_Acc_FastCalibration:	35		
		Acc_SetCalibTarget_X	0
		Acc_SetCalibTarget_Y	1
		Acc_SetCalibTarget_Z	2
		Acc_StartFastCalib	3