

BSG
INPUT SIGNALS DESCRIPTION

nº	SIGNAL	DESCRIPTION	RANGE	UNIT	TYPE
1	EngineRotation	Current Engine Rotation Frequency	0-10000	RPM	UINT32
2	VehicleVelocity	Current Vehicle Velocity	0-400	km/h	DOUBLE
3	GearNumber	Current Gear	0-7	-	UINT8
4	PedalAngle	Driver's Engine Pedal Request	0-100	%	UINT8
5	BrakePedal	Driver's Brake Pedal Request	0-100	%	UINT8
6	BatteryVoltage	Battery Voltage	0-60*	V	DOUBLE
7	BatteryCurrent	Battery Current	-100-100	A	DOUBLE
8	TorqueRequest	Electric helper for combustion engine	-1000-1000	N.m	DOUBLE
*values above reference would classifu the system as high voltage					

Group 3:

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BSG
OUTPUT SIGNALS DESCRIPTION

nº	SIGNAL	DESCRIPTION	RANGE	UNIT	TYPE
1	BsgRotation	Current Electric Machine Rotation Frequency	0-10000	RPM	UINT32
2	BsgVoltage	Current Electric Machine Voltage	0-60*	V	DOUBLE
3	BsgCurrent	Current Electric Machine Current	-100-100	A	DOUBLE
4					
5					
6					
7					
8					

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