

## Proprietary CAN Communication for the PCS EGT Module

29-Bit Identifier (EGT A): \$02000000

29-Bit Identifier (EGT B): \$02200000

Repetition Rate: 80 ms

Data Length: 8 bytes

	Bits	Parameter
0	7-0	Version Major
1	7-0	Version Minor
2	7-0	Version Hardware
3	7-0	Fault Codes
4	0	Select EGT Channel 1 for Average 1
	1	Select EGT Channel 2 for Average 1
	2	Select EGT Channel 3 for Average 1
	3	Select EGT Channel 4 for Average 1
	4	Select EGT Channel 5 for Average 1
	5	Select EGT Channel 6 for Average 1
	6	Select EGT Channel 7 for Average 1
	7	Select EGT Channel 8 for Average 1
5	0	Select EGT Channel 1 for Average 2
	1	Select EGT Channel 2 for Average 2
	2	Select EGT Channel 3 for Average 2
	3	Select EGT Channel 4 for Average 2
	4	Select EGT Channel 5 for Average 2
	5	Select EGT Channel 6 for Average 2
	6	Select EGT Channel 7 for Average 2
	7	Select EGT Channel 8 for Average 2
6	0	Select EGT Channel 1 for Average 3
	1	Select EGT Channel 2 for Average 3
	2	Select EGT Channel 3 for Average 3
	3	Select EGT Channel 4 for Average 3
	4	Select EGT Channel 5 for Average 3
	5	Select EGT Channel 6 for Average 3
	6	Select EGT Channel 7 for Average 3
	7	Select EGT Channel 8 for Average 3
7	0	Select EGT Channel 1 for Average 4
	1	Select EGT Channel 2 for Average 4
	2	Select EGT Channel 3 for Average 4
	3	Select EGT Channel 4 for Average 4
	4	Select EGT Channel 5 for Average 4
	5	Select EGT Channel 6 for Average 4
	6	Select EGT Channel 7 for Average 4
	7	Select EGT Channel 8 for Average 4

29-Bit Identifier (EGT A): \$02000080  
Repetition Rate: 16 ms  
Data Length: 8 bytes

29-Bit Identifier (EGT B): \$02200080

	Bits	Parameter
1-0	15-0	EGT Channel 1 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
3-2	15-0	EGT Channel 2 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
5-4	15-0	EGT Channel 3 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
7-6	15-0	EGT Channel 4 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C

29-Bit Identifier (EGT A): \$02000100  
Repetition Rate: 16 ms  
Data Length: 8 bytes

29-Bit Identifier (EGT B): \$02200100

	Bits	Parameter
1-0	15-0	EGT Channel 5 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
3-2	15-0	EGT Channel 6 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
5-4	15-0	EGT Channel 7 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
7-6	15-0	EGT Channel 8 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C

29-Bit Identifier (EGT A): \$02000180  
Repetition Rate: 16 ms  
Data Length: 8 bytes

29-Bit Identifier (EGT B): \$02200180

	Bits	Parameter
1-0	15-0	EGT Average 1 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
3-2	15-0	EGT Average 2 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
5-4	15-0	EGT Average 3 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C
7-6	15-0	EGT Average 4 Resolution: 0.125 °C /bit, 0 offset Data Range: 0 to 1050 °C