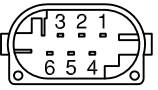

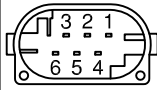
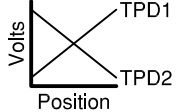
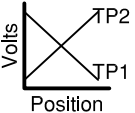


Column No.	A				B					
Part No.s	100150029 MC1				893142					
Applications	BMW S1000RR				Seadoo Spark					
Comments	Electronic Hybrid									
Pin Function	 <p>Throttle Position1 5 Throttle Position2 2 0V (TP1) 4 5V (TP1) 6 0V (TP2) 1 5V (TP2) 3</p> <p>TP Connector</p>	<p>Pin Function</p> <p>Battery- 1 Battery+ 6 PWM 3 Direction 4 Enable 5 Not Connected 2</p>	 <p>Motor Connector</p> <p>1 3 5 2 4 6</p>	<p>Pin Function</p> <p>TPD1 5 0V (TPD1) 4 5V (TPD1) 6 TPD2 2 0V (TPD2) 1 5V (TPD2) 3</p>	 <p>Driver Pot Connector</p> <p>3 5 1 4 6 2</p>	 <p>Volts Position</p> <p>TPD1 TPD2</p>	<p>Motor- 3 Motor+ 5 Throttle Position1 1 Throttle Position2 4 0V (TP1/TP2) 6 5V (TP1/TP2) 2</p> <p>120 60 150 1 0.2 10 -28 8000 14</p>			
Calibration	<p>Proportional Gain 80 Integral Gain 50 Derivative Gain 120 Period 1 Dead Band 0.2 Feed Forward 15 Neg. Integral Clamp -25 Frequency 1.666 Motor Volts 14</p>	 <p>Volts Position</p> <p>TP2 TP1</p>								

Note, refer to:-
 "DAD0001 Electronic Throttle Setup for MoTeC 'hundred series' ECUs" or
 "DAD0002 Electronic Throttle Setup for MoTeC 'M1 series' ECUs"
 for additional information.



Title Dellorto Electronic Throttle Assembly				Sheet No 1 of 1		Drawing No DAD0059	
Date 27.4.2010	Drawn KMH	App AH	Rev B				