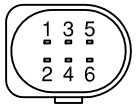
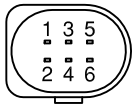
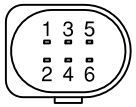
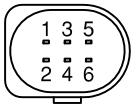
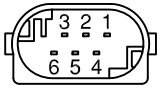
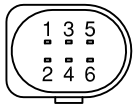
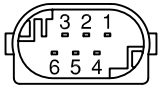
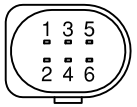
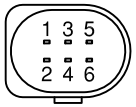
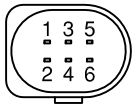
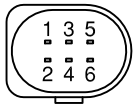
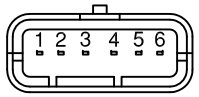
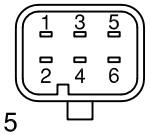
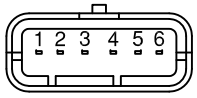
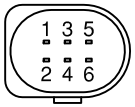
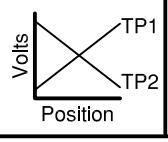
Column No.	A	B	C	D	E	F	G	H	J
Part No.s		408 238 323 008 036 133 062 M,VWp/n							06F 133 062G A2C53044094
Applications		VW Lupo 1.4L							Ø58mm
Part No.s	408 238 822 001	408 238 321 006			408 238 026 001 GM p/n 12567376		408 238 527 001 1 902 174	A2C53165954	06F 133 062H A2C53214213
Applications	Renault Clio Sport	VW Golf MkV 1.6 Fsi			GM Cadillac XLR LH2 4.6L V8 '05		Renault Clio V6 trophy car (sport)	Proton Satria Neo	VW Golf direct inj., Ø58mm
Part No.s		408 238 321 003 408 238 323 012 408 238 424 002Z	408 238 353 009 408 238 420 001 408 238 424 001 408 238 424 002	408 238 627 001	408 238 426 003	408 238 323 002 408 238 756 001		408 238 422 003	06F 133 062A A2C82692600
Comments	VDO	VDO	VDO	VDO	VDO	VDO	VDO	VDO	VDO
Pin Function									
Motor-	5	5	5	5	6	5	6	5	3
Motor+	3	3	3	3	4	3	4	3	5
Throttle Position1	1	1	1	1	1	1	1	1	4
Throttle Position2	4	4	4	4	2	4	2	4	1
0V (TP1/TP2)	6	6	6	6	5	6	5	6	6
5V (TP1/TP2)	2	2	2	2	3	2	3	2	2
Calibration									
Proportional Gain	140	130	150	145	160	150	150	140	140
Integral Gain	60	45	85	60	120	85	70	60	80
Derivative Gain	160	150	165	175	170	165	170	160	165
Period	1	1	1	1	1	1	1	1	1
Dead Band	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Feed Forward	10	10	30	30	10	30	10	10	0
Neg. Integral Clamp	-40	-30	-25	-30	-25	-30	-30	-30	-20
Frequency	8000	8000	8000	8000	8000	8000	8000	8000	8000
Motor Volts	14	14	14	14	14	14	14	14	14

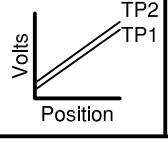
Note, refer to:-
"DAD0001 Electronic Throttle Setup for MoTeC 'hundred series' ECUs" or
"DAD0002 Electronic Throttle Setup for MoTeC 'M1 series' ECUs"
for additional information.

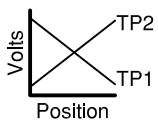
MoTeC

Title	Siemens VDO Continental Electronic Throttle Motors				Sheet No	Drawing No
Date	14.5.2009	Drawn	KMH	App	Rev O	1 of 2	DAD0044

Column No.	K	L	M	N	O	P	
Part No.s		A2C53099252 0459 1847 AC					
Applications		MY 2010 Chrysler Hemi 6.1L 80mm					
Part No.s	408 238 329 003 022 133 062 AG	5303 2801 AC A2C53255142					
Applications		80mm					
Part No.s	408 238 329 001	03C 133 062 C A2C53030936	V7576698 80-04 A2C53279371 1TPB EMC00	A2C53355204 A2C53356724	V760491880-01 A2C53386322	Mercury 877 828 002, VDO 408 238 926 001, 82mm	
Applications		VW Polo 1.4L	Mini R56, 58mm	BMW	Mini		
Comments	VDO	Electronic Hybrid				VDO	
Pin Function							
Motor-	5	5	6	5	6	5	
Motor+	3	3	5	3	5	3	
Throttle Position1	1	1	4	1	4	1	
Throttle Position2	4	4	2	4	2	4	
0V (TP1/TP2)	6	6	3	6	3	6	
5V (TP1/TP2)	2	2	1	2	1	2	
Calibration							
Proportional Gain	160	140	145	140	160	140	
Integral Gain	120	60	80	60	80	80	
Derivative Gain	170	160	210	165	180	175	
Period	1	1	1	1	1	1	
Dead Band	0.3	0.3	0.3	0.2	0.1	0.3	
Feed Forward	10	10	15	0	10	10	
Neg. Integral Clamp	-25	-30	-30	-20	-45	-25	
Frequency	8000	8000	8000	8000	8000	8000	
Motor Volts	14	14	14	14	14	14	







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for additional information.

MoTeC

Title	Siemens VDO Continental Electronic Throttle Motors				Sheet No	Drawing No
Date	14.5.2009	Drawn	KMH	App	Rev O	2 of 2	DAD0044