



# SPEED GOVERNOR WIRING AND ADJUSTMENTS WHEN USING GENSYS COMPACT

GOVERNOR MANUFACTURER	GOVERNOR MODEL	Recommended Offset Adjustment (Variable 2206)	Recommended Amplitude Adjustment (Variable 2205)	Speed output inversion adjustment (Variable 2212)	GenSYS Compact Speed Common (J2-6) connection to Governor	GenSYS Compact Speed Output (J2-5) connection to Governor	COMMENTS
AMBAC	EC5000 /5100 / 5110	2.5V	1.5V	YES	4	1 (IN)	
	CW673	2.5V	2.0V	YES	H	J	
BARBER COLMAN	DYN1 1000X/1001X/1002X	2V	0.5V		F	H	
	DYN1 1050X	2V	0.5V	NO	7	8	
	DYN1 1065X	2V	0.5V	NO	7	9	
	DYN1 1068X	2V	0.5V	NO	7	9	
	DYN1 1069X	2V	0.5V	NO	7	9	
	DYN1 1075X	2V	0.5V	NO	7	9	
	DYN1 1079X	2V	0.5V	NO	9	8	
	DYN 10871	2.5V	2.5V	NO	12	11	
	DYN1 10910	2.5V	2.5V	NO	13	12	
	DPG 220X	0V	0.5V	NO	10 (ILS REF)	9 (ILS SIG)	
	DPG 240X	0V	0.5V	NO	11 (ILS REF)	10 (ILS SIG)	
CATERPILLAR	ADEM	3.5V	2.0V	NO	3	2	Need to use CAT PWM Converter Ref 9X-9591
CUMMINS	EFC	0V	1.5V	NO	9	8	Add R=15Kohms between 8 and 9 and R=150Kohms between 8 and J2-5 Compact.
	QST30	0V	2.5V	NO	6	11	
	QSX 15	0V	2.5V	NO	6	11	
	QSK 23/40/45/60	0V	2.5V	NO	6	11	
DETROIT DIESEL	DDEC III	2.5V	2.5V	NO	C3	D1	
	DDEC IV	2.5V	2.5V	NO	7	8	
DEUTZ	EMR2	2.5V	2.0V	NO	23	24	Do not overpass +1,5Hz to avoid EMR overspeed
DOOSAN	DGC	4.5V	1.5V	YES	G	N	
GAC	5100-5500 SERIES	4.5V	1.5V	YES	G	N	
	ESD 5300 / 5330	5V	5V	YES	GND	M	
	ESD 5111/5131/5221	2.5V	2.5V	YES	G	N	
GHANA CONTROL	DGC-2007	4.5V	1.5V	YES	G	N	
HEIZMANN	E6 / E6V	2.5V	2.5V	NO	A3	B3 OR C3 OR E3	
	E10 / E16 / E30	2.5V	2.5V	NO	A3	B3 OR C3 OR E3	
	KG6-10	2.5V	2.5V	NO	A3	B3 OR C3 OR E3	
	PANDAROS DC6	2.5V	2.5V	NO	A3	B3 OR C3 OR E3	Pandaros Analogue input 2 (sync input) to be configured in 0-5 V.
IVECO	CURSOR	2.5V	1.5V	NO	12	11	Need to use SCI box with SW1=OFF, SW2=ON, SW3=OFF, SW4=OFF
JOHN DEERE	JDEC	2.5V	2.0V	NO	C	L	
MITSUBISHI	XB400	0V	1.0V	NO	11	2	
MTU	ADEC 2000/4000	4.5V	2.5V	NO	25	39	ADEC requires additionnal SAM module
	MDEC 2000/4000	0V	4.0V	NO	36	8	
PERKINS	1300 SERIES	2.5V	2.0V	NO	11	30	Connect terminal 2 and 12 to activate external control
	2800 SERIES	2.5V	1.5V	NO	20	24	
SCANIA	DEC2	1.5V	1.5V	NO	A7	B8	
	COORDINATOR S6	1.5V	1V	NO	54	24	
TOHO	XS	4V	3.0V	NO	(-S)	1	
	XS-400C-16	4V	2.0V	NO	5	IN1	
VOLVO	EDC III / IV	3V	1.5V	NO	B	C	
	873979	4.5V	1.5V	YES	G	N	Identical to GAC 5100 series
WOODWARD	721 / 723	0V	5V	NO	46	45	Remove jumper 44-45
	EPG 512/524/1712/1724	2.5V	5V	NO	8	7	
	2301A SC	2.5V	5V	NO	17	15	
	2301A LSSC	2.5V	5V	NO	23	24	
	2301D	2.5V	2.5V	NO	20	19	
	L-SERIES	2.5V	2.5V	NO	3	8	
	F-SERIES	2.5V	2.5V	NO	12	4	
	PROACT I/II	0V	2.5V	NO	12	13	

