Signal t	targets for STW1					<1>	PROFIdrive sampling
Signal	Meaning		Interconnection parameters	[Function diagram] internal control word	[Function diag		See [1020.7]
STW1.0	= ON (pulses can be enabled) 0 = OFF1 (braking with ramp-function generator, then pulse cancellation and ready to power up)		p0840[0] = r2090.0 [2501.3]		[2610]	-	
STW1.1	1 = No OFF2 (enable is possible) 0 = OFF2 (immediate pulse cancellation and power-on inhibit)		p0844[0] = r2090.1	[2501.3]	[2610]	-	
STW1.2	1 = No OFF3 (enable possible) 0 = OFF3 (braking with the OFF3 ramp p1135, then pulse cancellation	ion and power-on inhibit)	p0848[0] = r2090.2	[2501.3]	[2610]	-	
STW1.3	1 = Enable operation (pulses can be enabled) 0 = Inhibit operation (cancel pulses)  1 = operating condition (the ramp-function generator can be enabled) 0 = inhibit ramp-function generator (set the ramp-function generator output to zero)		p0852[0] = r2090.3	[2501.3]	.3] [2610]		
STW1.4			p1140[0] = r2090.4	[2501.3]	[3060] [3070] [3080]	[3080] -	
STW1.5	1 = Enable the ramp-function generator 0 = stop the ramp-function generator (freeze the ramp-function gene	erator output)	p1141[0] = r2090.5	[2501.3]	[3060] [307	70] -	
STW1.6	1 = Enable setpoint 0 = inhibit setpoint (set the ramp-function generator input to zero)		p1142[0] = r2090.6	[2501.3]	[3060] [3070]	[3080] -	
STW1.7	= Acknowledge faults		p2103[0] = r2090.7	[2546.1]	[8060]	-	
STW1.8	Reserved Reserved		-	-	-	-	
STW1.9			-	-			
STW1.10	1 = Control via PLC <2>		p0854[0] = r2090.10	[2501.3]	[2501]	-	
STW1.11	1 = Dir of rot reversal		p1113[0] = r2090.11	[2505.3]	[3040]	-	
STW1.12	Reserved		-	-	-	-	
STW1.13	1 = Motorized potentiometer, setpoint, raise		p1035[0] = r2090.13	[2505.3]	[3020]	-	
STW1.14	1 = Motorized potentiometer, setpoint, lower		p1036[0] = r2090.14	[2505.3]	[3020]	-	
STW1.15	TW1.15 Reserved		-	-	-	-	
J	ram 1, 352, 999. le set in the first PZD word of the telegram received from PROFIBUS in c	order that the drive accep	its the process data	•			•
1	2 3	4	5	6		7	8
: VECTORGL, VECTORMV				fp_2442_53	2442_53_eng.vsd Function dia		ram
OFIdrive - STW1 control word interconnection				03 08 06 V	03.08.06 V02.05.00 SINAMICS GI		- 24 W/SM/GI