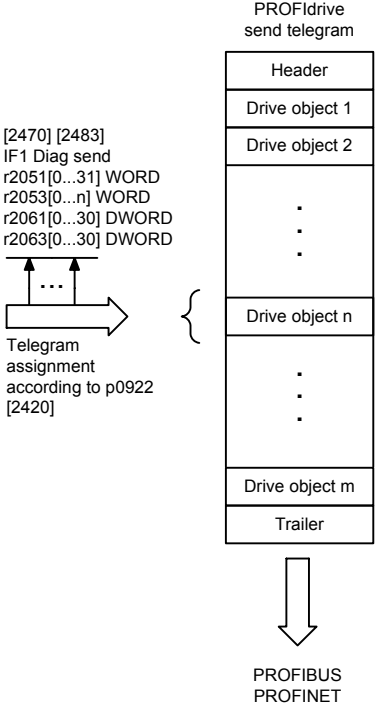


Signal sources for PZD send signals						
Signal	Description	PROFdrive Signal No.	Interconnection parameter	Function diagram	Data type	Normalization
ZSW1	Status word 1	2	r2089[0]	[2452]	U16	-
NIST_A	Speed setpoint A (16 bit)	6	r0063[0]	[4715]	I16	4000 hex $\pm$ p2000
NIST_B	Speed setpoint B (32 bit)	8	r0063[0]	[4715]	I32	4000 0000 hex $\pm$ p2000
E_DIGITAL	Digital inputs	21	r2089[2]	[2459]	U16	-
IAIST_GLATT	Absolute actual current, smoothed	51	r0068[1]	[6714] [8950]	I16	4000 hex $\pm$ p2002
ITIST_GLATT	Current actual value, torque-generating	52	r0078	6714	I16	4000 hex $\pm$ p2002
MIST_GLATT	Actual torque smoothed	53	r0080[1]	6714	I16	4000 hex $\pm$ p2003
PIST_GLATT	Power factor, smoothed	54	r0082[1]	[6714] [8950]	I16	4000 hex $\pm$ p2004
NIST_A_GLATT	Actual speed, smoothed	57	r0063[1]	[4715]	I16	4000 hex $\pm$ p2000
MELD_NAMUR	VIK-NAMUR message bit bar	58	r3113	-	U16	-
MSOLL_GLATT	Total torque setpoint	120	r0079[1]	[6060]	I16	4000 hex $\pm$ p2003
AIST_GLATT	Torque utilization	121	r0081	[8012]	I16	4000 hex $\pm$ 100%
FAULT_CODE	Fault code	301	r2131	[8060]	U16	-
WARN_CODE	Alarm code	303	r2132	[8065]	U16	-
E_ZSW1	Status word for INFEED	321	r0899, r2139	[2457]	U16	-
CU_ZSW	Control Unit status word	501	r2089[1]	[2458]	U16	-

PROFdrive sampling time

See [1020.7]



<1> Data type according to the PROFdrive profile: I16 = Integer16, I32 = Integer32, U16 = Unsigned16, U32 = Unsigned32

1	2	3	4	5	6	7	8
DO: A_INFMV, B_INFMV, VECTORGL, VECTORMV					fp_2450_53_eng.vsd	Function diagram	- 2450 -
PROFdrive - PZD send signals interconnection					27.09.06 V02.05.00	SINAMICS GM/SM/GL	