

<1> <2> <4>

PD Telegram select  
p0922 (999)

PROFIdrive sampling time

Refer to [1020.7]

Interconnection is made according to	[2440] [2450] automatically										[2481] [2483]			
Telegram	370		390		391		392				999			
Appl.- Class	-		-		-		-				-			
PZD 1	E_STW1	E_ZSW1	CU_STW	CU_ZSW	CU_STW	CU_ZSW	CU_STW	CU_ZSW			STW1 <3>	ZSW1 <3>		
PZD 2			A_DIGITAL	E_DIGITAL	A_DIGITAL	E_DIGITAL	A_DIGITAL	E_DIGITAL			Receive telegram length freely selectable via central PROFIdrive configuration in the master	Transmit telegram length freely selectable via central PROFIdrive configuration in the master		
PZD 3					MT_STW	MT_ZSW	MT_STW	MT_ZSW						
PZD 4					MT1_ZS_F		MT1_ZS_F							
PZD 5					MT1_ZS_S		MT1_ZS_S							
PZD 6					MT2_ZS_F		MT2_ZS_F							
PZD 7					MT2_ZS_S		MT2_ZS_S							
PZD 8							MT3_ZS_F							
PZD 9							MT3_ZS_S							
PZD 10							MT4_ZS_F							
PZD 11							MT4_ZS_S							
PZD 12							MT5_ZS_F							
PZD 13							MT5_ZS_S							
PZD 14							MT6_ZS_F							
PZD 15							MT6_ZS_S							
PZD 16														
PZD 17														
PZD 18														
PZD 19														
PZD 20														
PZD 21														
PZD 22														
PZD 23														
PZD 24														
PZD 25														
PZD 26														
PZD 27														
PZD 28														
PZD 29														
PZD 30														
PZD 31														
PZD 32														

<1> Depending on the drive object, only specific telegrams can be used.

<2> If p0922 = 999 is changed to another value, the telegram is automatically assigned as specified in [2420] - [2423].

If p0922 ≠ 999 is changed to p0922 = 999, the "old" telegram assignment is maintained as specified in [2420] - [2423]!

<3> In order to comply with the PROFIdrive profile, PZD1 must be used as control word 1 (STW1) or status word 1 (ZSW1).

p2037 = 2 should be set if STW1 is not transferred with PZD1 as specified in the PROFIdrive profile.

<4> The maximum number of PZD words depends on the drive object type.

☐ = Position encoder signal

1	2	3	4	5	6	7	8
DO: A_INF, B_INF, CU_S, S_INF,					fp_2423_01_eng.vsd	Function diagram	- 2423 -
PROFIdrive - Manufacturer-specific/free telegrams and Process Data (PZD)					17.04.07 V02.05.00	SINAMICS S	