

SD no.		Setting data function									
Inter- face 1	Inter- face 2										
5010	5018	Device coding - input									
5011	5019	Transfer format - input									
		Bit no. 7	Bit no. 6	Bit no. 5	Bit no. 4	Bit no. 3	Bit no. 2	Bit no. 1	Bit no. 0	Baud rate	Baud rate
5012	5020	Stop bit	Stop bit	Parity bits	Parity bits	Baud rate	Baud rate	Baud rate	Baud rate	Baud rate	Baud rate
		Bit no. 7	Bit no. 6	Bit no. 5	Bit no. 4	Bit no. 3	Bit no. 2	Bit no. 1	Bit no. 0	Baud rate	Baud rate
5013	5021	Transfer format - output									
5014	5022	Stop bit	Stop bit	Parity bits	Parity bits	Baud rate	Baud rate	Baud rate	Baud rate	Baud rate	Baud rate
		Bit no. 7	Bit no. 6	Bit no. 5	Bit no. 4	Bit no. 3	Bit no. 2	Bit no. 1	Bit no. 0	Baud rate	Baud rate
5015	5023	Xon - Characters (DC-start-characters)									
5016	5024	Xoff - Characters (DC-stop-characters)									
		Special Functions:									
5017	5025	Output without first X on character	Progr. Start with LF	Block end CR LF	Output in EIA code	Stop at "Transfer End" character	Data Set Ready (DSR) is evalu- ated	Output without leading and trail- ing tape	Input of SINUMERIK System 3 and 8 programs	Bit no. 0	Bit no. 0
		Bit no. 7	Bit no. 6	Bit no. 5	Bit no. 4	Bit no. 3	Bit no. 2	Bit no. 1	Bit no. 0	Time out monitor	Time out monitor
5026	5026	Not Allocated (without function)									
5027	5027	Special Functions:									
5028	5028	EIA code for "@" character									
5029	5029	EIA code for ":" character									
5030	5030	EIA code for "Transfer End"									
		EIA code for "=" character									

Table 6.1: Description of the interfaces

6.3 Assignment of the setting data for the connection of peripheral devices

Before you connect a particular device to Interface 1 (or Interface 2), you must assign the setting data bits of the setting data defined in Sections 6.1 and 6.2.

For that purpose, you call up the relevant Setting Datum number (SD No.) - as described in Section 3.1.12.1.

The following table 6.3 should help you to set the appropriate "Setting data bits" for each different device.

Only the appropriate setting data setting data numbers for the connection of particular devices to interface 1 (or 2) are shown.

Peripheral device	Ident. of the device type (CRT display)	SD No.		Required setting data bits (binary code)
		Inter- face 1	Inter- face 2	
SINUMERIK - Reader: T40, T50, T60, R5232 (V. 24), 9600 baud	RTS - LINE	5010	5018	0000 0000 1100 0111
		5011	5019	
SINUMERIK WS800, R5232 (V. 24), 20 mA 9600 baud	RTS - LINE	5010	5018	0000 0000 1100 0111
		5011	5019	
Siemens- Programmer PG685 / 675 / 670 20 mA, 9600 baud Interface PLC S5	PLC - PROG.	5010	5020	0000 0000 1100 0111
		5011	5021	
Siemens- Programmer PG675, R5232 (V. 24), 1200 baud Interface printer	RTS - LINE	5010	5018	0000 0100 0000 0111
		5011	5019	
Siemens- Programmer PG615 U 20 mA, 9600 baud	PLC - PROG.	5010	5028	0000 0000 1100 0100
		5011	5029	
Siemens- Page Printer PT80 20 mA, R5232 (V. 24), 300 baud	RTS - LINE	5010	5020	0000 0000 1100 0010
		5011	5021	

Table 6.2: Setting datum number (SD no.) and setting data bits, dependent on type of peripheral device