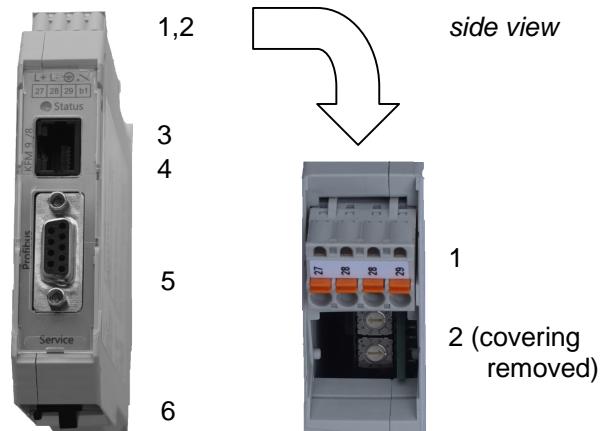


- 1 Terminals supply voltage
- 2 Coding switches address adjustment
- 3 Status-LED
- 4 RJ-45 connector KFM device
- 5 9-pole D-SUB plug PROFIBUS
- 6 Configuration interface (service) for PC connection



**General description:**

The connection of KFM devices to the PROFIBUS DP is realised by the external bus adapter 99spde, which is configured to the requested transmission data e.g. actual value, setpoint. The PROFIBUS interface is able to replace separate wiring of analogue (external setpoints, signal outputs) or digital signals (via binary inputs and status bits respectively via relay outputs and control bits). The PROFIBUS-DP interface is carried out as RS 485 bus interface referring to EN50170. The PROFIBUS adapter has to be connected via a 9-pole D-SUB plug directly to the bus wiring. The communication between the adapter and the service interface of the KFM device takes place by a patch cable(1,5m), which is delivered with each adapter. For each segment 32 devices could be installed, with a repeater up to 99. For the data transmission data modules for fixed and floating point operation are available. The baudrate is detected automatically up to 12 Mbaud. Further Information refer to the GSD file in the appendix.

An error bit makes it possible to monitor the function of the adapter. Additionally, connection errors are registered and available for diagnosis by the use of fault memory.

**Types:**

- |           |   |
|-----------|---|
| 99spde04. | Adapter for 4 PROFIBUS values, power supply 24V DC  |
| 99spde12. | Adapter for 12 PROFIBUS values, power supply 24V DC |
| 99spde28. | Adapter for 28 PROFIBUS values, power supply 24V DC |

*Device variants (last number):*

- |     |   |
|-----|---|
| .0  | Functional module without power supply for connection to power supply modules   |
| .0i | Functional module for connection to power supply of already existing KFM-assemblies   |
| .0b | Functional module with binary input 24V DC; terminal open: normal function /<br>read and write possible, terminal closed: read only |

*Power supply module:*

- |        |                                  |
|--------|----------------------------------|
| 99e500 | Power supply module 100-250 V AC |
|--------|----------------------------------|

**Adjustments:**

The PROFIBUS adapter is delivered preadjusted. In case of changes, the preadjustments except from the bus address, can easily be modified by a configuration program (WinPKS PC Software from version 1.9L).

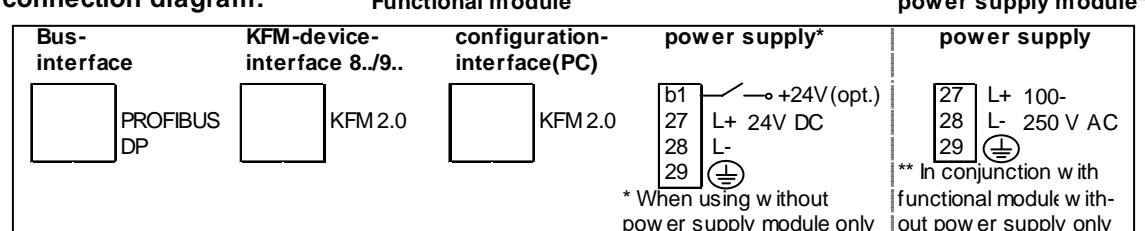
		<i>factory setting</i>
Data word 1	Bus setpoint 1 (1060 ref. to protocoll KFM 2.0)	Bus setpoint 1
Data word 2	Actual value 1 (1010 " " )	Actual value 1
Data word 3	Actual value 2* (1011 " " )	
Data word 4	Control signal* (1020 " " )	
	<i>for further parameter codes refer to page 5 and 6</i>	
	<i>* = depending on type</i>	

Bus address      0..99, Coding switch, available after removing the covering below the power supply terminals

5

*Hint: In case of multiple bus participants different addresses have to be adjusted !*

**connection diagram:**



**Installation note:**

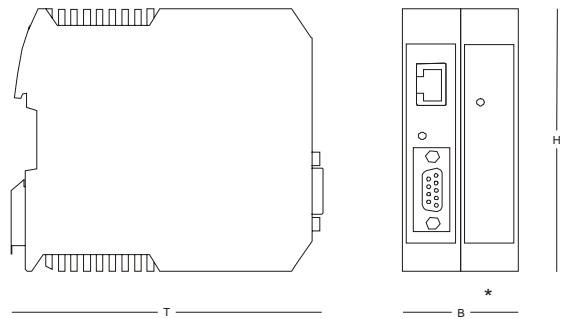
The modules must be locked on the designated mounting rail one after the other and then **pushed together**. The plug connectors connect the individual modules. Before removal, the modules must be **shifted apart** one after the other.

**Commissioning:**

Set the desired double-digit profibus-address by use of the two coding switches (available after removing the covering below the power supply terminals). Different addresses have to be configured on multiple adapters. Connect Profibus with 9-pole D-SUB connector and patch wire (1,5m) with service interface of the KFM device. The LED on the front signalises the operating status:

- |                      |  |
|----------------------|--|
| yellow permanent:    | Normal operation   |
| yellow flashing:     | Communication error between KFM device and PROFIBUS-DP adapter<br>Hint: all transmitted values are set to "0",<br>bit 8 of the respective status byte (communication error) ist set to "0".<br>The respective fault memory will be increased by 1. |
| red flashing:        | Communication error PROFIBUS DP, PROFIBUS DP not active<br>Hint: all transmitted values are set to "0",<br>the respective fault memory will be increased by 1.   |
| red yellow flashing: | Communication error PROFIBUS DP and KFM device<br>Hint: all transmitted values are set to "0",<br>each fault memory will be increased by 1.  |

**Installation dimensions:**



H= 99mm,

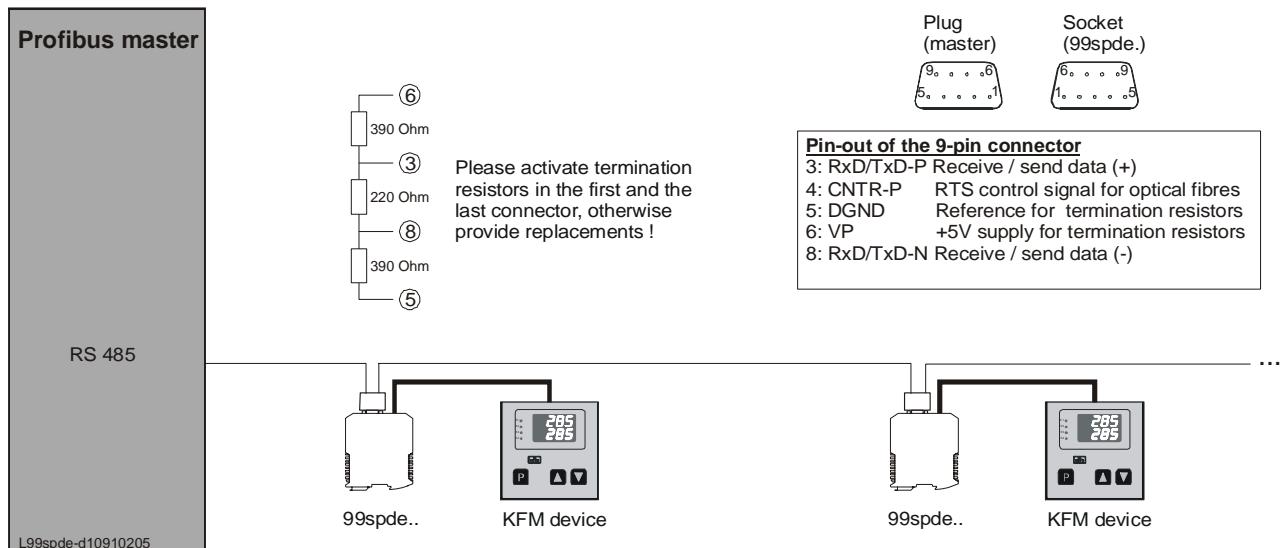
\* version with or without power supply module:

B = 22,5mm or 45mm, T = 116mm

**Technical data:**

Housing: for fastening to 35mm mounting rail  
Installation orientation: optional  
Type of protection: IP20 according to EN 60529  
Perm. ambient temperature: 0..60°C  
Nominal temperature: 20°C  
Power supply: 24V DC, about 100 mA,  
alternative 100-250V AC, about 12 VA

**Wiring example:**



**Data transmission:**

The data to be transmitted are compiled in modules, data transmission is cyclical.

One module each is provided for fixed decimal and floating decimal data transmission. The modules are selected via a configuration tool in the master assembly.

The different modules differ in the number of transmission values according to the following table. Control word 2, status word 2, status word 3 or transmit resp. receive values are configurable via WinPKS-PC-software for data transmission.

module	transmission mode	number of transmission values*
Format O	fixed decimal (fix point)	4
Format P	floating decimal (floating point)	4
Format K	fixed decimal (fix point)	12
Format L	floating decimal (floating point)	12
Format M	fixed decimal (fix point)	28
Format N	floating decimal (floating point)	28

The data frame always contains control- and status word 1. Furthermore, the structures for control word 2, status word 2 and 3 as well as the resp. number of transmission values are available in the data frames K to P for each KFM-device. Depending on configuration, the resp. values are transmitted in these structures. In the older data frames A to H, the structures for control word 2, status word 2 and 3 are not available.

**Data modules (fixed decimal / floating decimal):**

Refer to the following table for construction of the data modules:

The transmit- and receive values of the fixed decimal data modules are displayed in the 16-bit fixed decimal - format with one decimal place (Fixpoint 1). Range of values: -999.9 to +3200.0

The transmit- and receive values of the *floating decimal data-modules* are displayed in the 32-bit floating decimal - format according to standard 754 IEEE.

The digital 8 bit modules (digital-SERin / SERout / module software, code 6210..19 resp. 6230..39) are transferred with values from 0..255.

No	Read		Value
	Identification	Format fix.-/ float. dec.	
1	Status word 1 (1byte) #		0x10
2	Status word 2(5byte) # optional		0x14
3	Status word 3(5byte) # optional		0x14
4	Received value 1		0x50/ 0xD1
5	Received value 2		0x50/ 0xD1
6	Received value 3		0x50/ 0xD1
7	Received value 4		0x50/ 0xD1

..	Received value..*	0x50/ 0xD1
No	Write	
No	Identification	Format fix.-/ float. dec.
1	Control word 1 (1byte) #	0x20
2	Control word 2(5byte) # optional	0x24
3	Transmitted value 1	0x60/ 0xE1
4	Transmitted value 2	0x60/ 0xE1
5	Transmitted value 3	0x60/ 0xE1
6	Transmitted value 4	0x60/ 0xE1
..	Transmitted value..*	0x60/ 0xE1

\* = Number of receive-/ transmitt values depending on the selected data frame    # = structure see page 4

**Example:** (complies to preadjusted parameters, format: floating point)

Data word 1 = bus-setpoint      (1060) (write)

Data word 2 = actual value 1    (1010) (read)

Data word 3 = actual value 2    (1011) (read)

No	Read	
	Value	Explanation
1	0000 0000	Bit 1 = 0; Bit 2 = 0 measurements error-free
2	-	-
3	-	-
4	0x43 75 99 9A	actual value 1 = 245.6
5	0x43 46 19 9A	actual value 2 = 198.1
6	-	-
..	-	-

No	Write	
	Value	Explanation
1	0000 0001	Bit 1 = 1 bus-setpoint active
2	-	-
3	0x42 C8 00 00	bus-setpoint = 100.0
4	-	-
5	-	-
..	-	-

**format of status and control words****read:** (from KFM device)**status word 1** (8 ASCII-characters, generally existent)

char. 8	char. 7	char. 6	char. 5	char. 4	char. 3	char. 2	char. 1
---------	---------	---------	---------	---------	---------	---------	---------

ASCII- character 1..7: status measuring input 1 .. 7

0 = error-free measurement; 1 = fault at the resp. input

ASCII- character 8: status KFM-device-interface, 1 = normal operation, 0 = conn. error

**status word 2** (0 - 40 ASCII-characters depending on existing binary inputs,  
only available if code 1002 (*for devices 9..*) is configured)

char. 40	char. 39	..	..	..	..	char. 2	char. 1
----------	----------	----	----	----	----	---------	---------

ASCII-character 1..40: status binary input 1 .. 40

0 = binary input deactivated; 1 = binary input activated

alternative:

**status word 2** (10 ASCII-characters, only available if code 1005 (*for devices 8..*) is configured)

character 10	..	..	..	..	character 1
bit 40	bit 39	bit 38	bit 37	..	bit 4 bit 3 bit 2 bit 1

bit 1..40: status binary input 1 .. 40

0 = binary input deactivated; 1 = binary input activated

**status word 3** (0 - 40 ASCII-characters depending on existing additional contacts,  
only available if code 1005 is configured)

char. 40	char. 39	..	..	..	..	char. 2	char. 1
----------	----------	----	----	----	----	---------	---------

ASCII-character 1..40: status additional contact 1..40

0 = contact deactivated; 1 = contact activated

**write:** (to KFM device)**control word 1** (2 ASCII-characters, generally existent)

character 2				character 1			
bit 4	bit 3	bit 2	bit 1	bit 8	bit 7	bit 6	bit 5

bit 1 .. 4: control bus-setpoint 1 .. 4 (only series 902 / 93)

0 = bus-setpoint deactivated, internal sepoin (SP) active

1 = bus-setpoint active (SPB)

**control word 2** (10 ASCII-characters, only available if code 1005 is configured)

character 10	..	..	..	..	character 1
bit 40	bit 39	bit 38	bit 37	..	bit 4 bit 3 bit 2 bit 1

bit 1 .. 40: control additional contact 1 .. 40, if the contact is configured to "BUS"

0 = contact deactivated; 1 = contact activated

**Diagnose:**

Two resettable internal fault memories are available for communication error analysis on the profibus- and KFM-service-interface. The number of communication faults is recorded by code 5281(communication fault to the profibus), 5282 (communication fault to the KFM-device). Both counter values are reset to zero by setting code 5280 (reset) to 1. Reading of the fault memories and the reset function can only be achieved by the configuration-interface.

<i>Configuration level: (Usable parameter depending on the type, consider potential mutual interference !)</i>			
<u>display</u>	<u>purpose</u>	<u>value range</u>	<u>CODE (HEX)</u>
<b>ConF</b>	type of controller		013C
<b>Cod1</b>	code number	0...9999	0142
<b>Cod2</b>	code 2..4	0...9999	0161..63
<b>LNG</b>	language selection	0=DEUTSCH, 1=ENGLISH, 2=USER DEF, 3=OFF	8800
<b>Ist1..6</b>	correction actual value 1..6	blo...bHi (+/-)	0124..29
<b>Ain1..6</b>	type of measuring input 1..6	0=4-20, 1=2-10, 2=0-20, 3=0-10, 5=rtd, 20=n100	011E..23
<b>SP-F</b>	switch-over of the ext. setpoint via menu / bin. input (SP/SPE)	-2=AUS, -1=SPEB(bin.), 0=SPEM(menu), 1=SP2	014F
<b>YE</b>	switch-over SPE / YE	0=SPE, 1=YE	114E
<b>SPE</b>	function of the ext. setpoint	2=AbS, 3>Add, 4=Sub	112D
<b>REL_</b>	switch.behaviour of the first step,step contr. 0=stat, 1=rel		1144
<b>(1) Y"</b>	travel time of actuator channel 1	6...600	1(1)3A
<b>(1) TE</b>	switch-on delay per step, step controller	0...600	1(1)43
<b>Cy"</b>	cycle time	2...120	013D
<b>(1) TP</b>	pause time step controller	0...60	1(1)45
<b>(1)out</b>	type of output signal 0 / 4...20mA	0=0-20, 1=4-20	1(1)3B
<b>(1)out</b>	output direction di / in	0=in(in), 1=(in)di, 2=diin, 3=didi	1(1)3C
<b>dSLo</b>	valve drop. minimum	0...50	1122
<b>out</b>	limitation selection (min / max)	0=Lo, 1=Hi	1127
<b>dSHi</b>	valve drop. maximum	50...100	1123
<b>(1) ib</b>	integration range limit channel 1	0...100	1(1)40
<b>(1)YLo</b>	low limit control output	0...Yhi	1(1)38
<b>(1)YHI</b>	limitation control output	-100...100	1(1)41
<b>(1)YHi</b>	high limit control output	YLo...100	1(1)39
<b>(1) TY</b>	control output slope	0...100	1(1)42
<b>(1) DB</b>	damping range	0...100	1(1)25
<b>(1) D"</b>	damping value	0...100	1(1)26
<b>Gr1..2</b>	gradient 1..2	0...100	1132..33
<b>rF1..2</b>	waiting window value 1..2	0.1...999.9	1134..35
<b>td</b>	dead range	0.0...10.0	113D
<b>Sout(1..3)</b>	signal output 0/4...20mA	0=0-20, 1=4-20	0136..38
<b>Sou1..5</b>	assignment signal output	11=lst1, 12=lst2, 21=SP	0155..5A
<b>(1)Y_S</b>	output reaction at meas.fault (relais)	0=off, 1=K1, 2=K2	1(1)3E
<b>(1)Y_S</b>	output reaction at meas.fault (Y)	YLo...YHi (continuous)	1(1)3F
<b>(1)YAP</b>	operating point	YLO...Yhi	1(1)37
<b>YH</b>	switch over control val. on / off	0=off, 1=on	1148
<b>YH</b>	external control value	0...100	1149
<b>d.SP</b>	max. deviation actual value	0.1...200.0	0147
<b>t"</b>	tolerance period act.value (ser. interface)	1...100	014E
<b>rEL1..8</b>	function selection additional contact 1..8	0=LCA, 1=LCE, 2=SuA, 3=SuE, 2010..17 4=SoA, 5=SoE, 6=StA, 7=USA, 8=USE, 11=OFF, 12=ON	2010..17
<b>rEL1..8</b>	input selection additional contact 1..8	1...6=lst1...6, 11=1Y...	2018..1F
<b>rEL1..8</b>	channel / setpoint selection additional contact 1..8	1...4=1..4SP, 11=rSP...	2020..27
<b>rEL1..8</b>	condition relay 1...8 for measuring line fault	0=SiA, 1=SiE	2028..2F
<b>Adr</b>	controller address	1...255	0141
<b>BAUD</b>	baud rate	0=9600, 1=19200, 2=38400	2629
<b>anSERin</b>	analog input value (via interface)	-10000..10000	6200..09
<b>digSERin</b>	8-bit digital input value (via interface)	00 .. FF hex e.g. 0..255	6210..19
<b>anSERout</b>	analog output value (via interface)	-10000..10000	6220..29
<b>digSERout</b>	8-bit digital output value (via interface)	00 .. FF hex e.g. 0..255	6230..39

Operating indication:

<u>display</u>	<u>purpose</u>	<u>value range</u>	<u>CODE (HEX)</u>
-	status- / control words 1..5		1001..05
-	status word type 821H75s.		100F
<b>IST1</b>	actual value 1..6		1010..15
<b>Y(1)..5</b>	controller output channel 1..5	-100...100	1020..24
<b>Y</b>	active controller output (e.g. 99g8.)	-100...100	102A
<b>D.W.</b>	difference actual value 1 – actual value 2		1052
<b>M.W.</b>	average actual value 1 / 2		1051

*Setpoint level:*

<b>(1)SP</b>	(internal) set point value channel 1	Lo...Hi (see <i>level 2</i> )	1(1)00
<b>(1)SP2</b>	second set point value channel 1	Lo...Hi (see <i>level 2</i> )	1(1)01
<b>(1..5SP)</b>	active set point value channel 1..5, also		1030..34
<b>(rSP)</b>	active ramp- / program set point value		
<b>SP..</b>	actual program step set point		3002
<b>SPB</b>	bus setpoint	Lo...Hi (see <i>level 2</i> )	1060..64
<b>SP-F</b>	switch over SP/SPE	0 = SP, 1 = SPE	111C
<b>2SP</b>	current sequential controller set point value		103F
<b>P-CY</b>	number of program cycles*	0...20	0148
<b>Pro</b>	actual program status	0=off,1=on,2=stop	3001
<b>d15</b>	density	500...1500	0152

*Parameter level 1:*

<b>FUE</b>	guide controller on/off	0=off,1=on	014D
<b>(1)P(1)..4</b>	proportional band XP1..4 channel 1	0.0...999.9	1(1)03..06
<b>(1)I(1)..4</b>	integral action time Tn1..4 channel 1	0.0...999.9	1(1)07..0A
<b>(1)d(1)..4</b>	derivative time Tv1..4 channel 1	0.0..99.9/0.00..99.99	1(1)0B..0E
<b>(1)Sh</b>	neutral zone Xsh channel 1	0.05...1,0	1(1)0F
<b>(1)SA1..2</b>	switching interval 1..2 channel 1	0...range(bLo/Hi) (see	1(1)13..14
<b>(1)Sd1..2</b>	switching difference 1..2 channel 1	0...range(bLo/Hi) /level 2)	1(1)15..16
<b>SA1..8</b>	switching interval addit.contact 1..8	0.0...range	2000..07
<b>Sd1..8</b>	switching diff. addit.contact 1..8	0.1...range	2008..0F

*Parameter level 2 (Usable parameters depending on the type, consider potential mutual interference !)*

<b>Unit</b>	display unit °C / °F	0=°C, 1=°F	013F
<b>0bLo</b>	min. val. range of actual val. 0 (diff/ aver.)	-999...bHi	1129
<b>UNIT</b>	viscosity	0=cst, 1=cP	0151
<b>0bHi</b>	max. val. range of actual val. 0 (diff/ aver.)	bLo...4000	112A
<b>1..6bLo</b>	min. value range input 1..6	-999...bHi	010C..11
<b>1..6bHi</b>	max. value range input 1..6	bLo...4000	0112..17
<b>(1..3)SLo</b>	min. value range signal output	-999...Shi	012A..2C
<b>(1..3)SHi</b>	max. value range signal output	SLo...4000	0130..32
<b>0nst</b>	decimal point actual value 0 (diff/ aver.)	0...2 (dep. on the range)	1128
<b>FLo</b>	low limit set point value guide controller	0... Fhi	1130
<b>FHi</b>	high limit set point value guide controller	Flo...400	1131
<b>1..6nst</b>	decimal point input 1..6	0...2 (dep. on the range)	0118..1d
<b>1 Lo</b>	low limit set point value	-999...bHi	112E
<b>1 Hi</b>	high limit set point value	bLo...4000	112F
<b>DT</b>	allowed deviation actual val.(dt control)	0...400	1146
<b>dSPL</b>	lower display indication	0=OFF,1=SP,2=rSP,3=Y,4=°C, 5=°F,6=bar,7=%,8=lst1,9=lst2.. 3=m3_h, 4=C, 5=F, 6=%, 7=bar, 8=mbar, 9=mPas, 10=cSt,1=KGm3,12=mm	0140 0164..67 0168..6B
<b>DSP1..4</b>	indication display line 1..4		
<b>EIN1..4</b>	unit of measurement display line 1..4		
<b>Pr-S</b>	number of program steps	0...20	0149
<b>SP.1 .. 20</b>	1...20. program setpoint val., program 1*	Lo...Hi	4101..14
<b>H' 1.. 20</b>	1...20. holding time, program 1*	0...6000	3101..14

\* (transmission only with deactivated program function)

**Printout GSD-file:**

```
; GSD file for types 9... - 99spd
; Date : 07.04.2009
; File : KFM_00EB.GSD
-----
#Profibus_DP
GSD_Revision = 1
Vendor_Name = "KFM"
Model_Name = "9...-99spd"
Revision = "Rev. 1.05"
Ident_Number = 0x00EB
Protocol_Ident = 0 ; DP-Gerät
Station_Type = 0 ; Slave
FMS_supp = 0
Hardware_Release = "HV V1.0"
Software_Release = "SV V1.01"
9.6_supp = 1
19.2_supp = 1
45.45_supp = 1
93.75_supp = 1
187.5_supp = 1
500_supp = 1
1.5M_supp = 1
3M_supp = 1
6M_supp = 1
12M_supp = 1
MaxTsdr_9.6 = 60
MaxTsdr_19.2 = 60
MaxTsdr_45.45 = 60
MaxTsdr_93.75 = 60
MaxTsdr_187.5 = 60
MaxTsdr_500 = 100
MaxTsdr_1.5M = 150
MaxTsdr_3M = 250
MaxTsdr_6M = 450
MaxTsdr_12M = 800
Implementation = "SPC3"
Bitmap_Device = "KFM_9"
Redundancy = 0
Repeater_Ctrl_Sig = 2
; Slave-Specification:
Slave_Family = 5 ; Controllers
24V_Pins = 0
Freeze_Mode_supp = 1
Sync_Mode_supp = 1
Auto_Baud_supp = 1
Set_Slave_Add_supp = 0
Min_Slave_Intervall = 0x0032
Modular_Station = 1
Max_Module = 0x01
Max_Input_Len = 128
Max_Output_Len = 128
Max_Data_Len = 256
Max_Diag_Data_Len = 64
```

**Continued on page 8 !**

**Printout GSD-file (continued from page 7):**

```
; Module-Definitions:  
Module = "Format A: Fixpoint1" 0x10,0x50,0x20,0x60  
EndModule  
Module = "Format B: Floating point" 0x10,0xD1,0x20,0xE1  
EndModule  
Module = "Format C: 2 x Fixpoint1" 0x10,0x50,0x50,0x20,0x60,0x60  
EndModule  
Module = "Format D: 2 x Floating point" 0x10,0xD1,0xD1,0x20,0xE1,0xE1  
EndModule  
Module = "Format E: 3 x Fixpoint1" 0x10,0x50,0x50,0x50,0x20,0x60,0x60,0x60  
EndModule  
Module = "Format F: 3 x Floating point" 0x10,0xD1,0xD1,0xD1,0x20,0xE1,0xE1,0xE1  
EndModule  
Module = "Format G: 3/16 x Fixpoint1"  
0x10,0x10,0x50,0x50,0x20,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60  
EndModule  
Module = "Format H: 3/16 x Floating point"  
0x10,0x10,0xD1,0xD1,0x20,0x20,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1  
EndModule  
Module = "Format I: 4 x Fixpoint1" 0x10,0x50,0x50,0x50,0x20,0x60,0x60,0x60  
EndModule  
Module = "Format J: 4 x Floating point" 0x10,0xD1,0xD1,0xD1,0x20,0xE1,0xE1,0xE1,0xE1  
EndModule  
Module = "Format K: 99spde12 Fixpoint1"  
0x10,0x14,0x14,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x24,0x60,0x60,0x60,0x60,0x60  
0,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60  
EndModule  
Module = "Format L: 99spde12 Floatingp."  
0x10,0x14,0x14,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1  
1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1  
EndModule  
Module = "Format M: 99spde28 Fixpoint1"  
0x10,0x14,0x14,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50  
0,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x50,0x24,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60  
x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60,0x60  
,0x60,0x60  
EndModule  
Module = "Format N: 99spde28 Floatingp."  
0x10,0x14,0x14,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1  
D1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1,0xD1  
1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1,0xE1  
1,0xE1,0xE1,0xE1,0xE1,0xE1  
EndModule  
Module = "Format O: 99spde04 Fixpoint1"  
0x10,0x14,0x14,0x50,0x50,0x50,0x20,0x24,0x60,0x60,0x60,0x60  
EndModule  
Module = "Format P: 99spde04 Floatingp."  
0x10,0x14,0xD1,0xD1,0xD1,0xD1,0x20,0x24,0xE1,0xE1,0xE1,0xE1  
EndModule
```