

10 . GSD

DP PROFIBUS DP 1
 GSD PROFIBUS 가 ROFIBUS-
 DP GSD 가
 PROFIBUS GDS
 GSD PROFIBUS EN 50 170
 , PROFIBUS 가 2.041
 GSD . PROFIBUS
 GSD

Gateway

- -
 - SPC3 ASIC :
 - (FREEZE), (SYNC), (Fail Safe),
 - Min_Slave_Interval = 100 μs
 - Repeater_Ctrl_Signal RTS TTL
 - ID 가 0x18 ().
 - 24V
 - 가 16 , 16
 - (Redundancy)
 -
- “;”

GSD

#Profibus_DP

```
GSD_Revision = 1
;
Vendor_Name = "gateway_dp"
Model_Name = "ss_pb_interface"
Revision = "V1.0"
Ident_Number = 0x18 ; ID
Protocol_ident = 0 ; DP
Station_Type = 0 ;
```

```

FMS_supp                = 0                ; FMS
Hardware_Release        = 'hw 1.0'
Software_Release        = 'sw 1.1'
;
9.6_supp                = 1                ;
19.2_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
;
Max Tsdr_9.6            = 60                ;
Max Tsdr_19.2           = 60                ;
Max Tsdr_93.75          = 60
Max Tsdr_187.5          = 60
Max Tsdr_500            = 100
Max Tsdr_1.5M           = 150
Max Tsdr_3M             = 250
Max Tsdr_6M             = 450
Max Tsdr_12M           = 800
;

Redundancy              = 1                ;

Repeater_Ctrl_Sig       = 2                ; TTL      가      RTS
24V_Pins                = 0
Implementation_Type     = "ASIC_soulution"
Bitmap_Device           = "bmpdev 1.dib"    ;
Bitmap_Diag             = "bmpdia 1.dib"
Bitmap_SF               = "bmpsf 1.dib"
;
Freeze_Mode_supp        = 1                ; (FREEZE)      (SYNC)
Sync_Mode_supp          = 1                ;
Auto_Baud_supp          = 1                ;
Set_Slave_Add_supp      = 1
Min_Slave_Intervall     = 1                ; Min_Slave_Intervall 100 μs
;
Modular_Station         = 0

```

```
Modul_Offset      = 1
;
Fail_Safe         = 1 ; (Fail Safe Mode)
Slave_Family      = 9
Max_Diag_Data_Len = 8 ;
Unit_Diag_Bit(0) = "external device not present"
Unit_Diag_Bit(1) = "external device detects fault"
;
Module = "module 1"0x3F ; 16 16
1
EndModule
;
```