

Profibus DPV1 Slave Interface



The extended DPV1 functions make it possible to transmit acyclic data between a Master (Class1/Class2) and DPV1 Slaves. The acyclic functions are available in addition and can be used simultaneous and independent of the cyclic data exchange. The Anybus-S Profibus-DPV1 is available with a 2k Byte parallel Dual Port Ram interface.

Profibus station address can be selected via switches on the front side of the module or by software via the application interface. A bus termination switch is located on the front side of the module.

KEY FEATURES

- Complete Profibus-DPV1 Slave module with functionality according to extensions of IEC 61158 (DPV1)
- Supports PA baud rate 45.45 kbit/s
- Supports Class1 & Class2 services
- Automatic baud rate detection (9600 bit/s - 12 Mbit/s)
- RS-485 optically isolated Profibus interface with DC/DC converter on-board
- Save/load configuration in flash supported
- Backward compatible to standard Profibus-DP
- AnyBus-S Starterkit and evaluation board available

TECHNICAL SPECIFICATIONS

Size: 54 mm x 86 mm x 15 mm
Power Supply: +5V max 350mA
Temperature: 0-70°C
Baud Rate: Autobaudrate
Appl Interface: Parallel interface
Profibus Services: DP services + MSAC1_R/W,
UL file: E214107
ID number & GSD: 1013H with standard GSD file
Order code: AB4484 (DPV1 I&M version)
Order Code: AB4174 (DPV1, old version)