

## Profibus Slave - Profibus Slave



The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.

The two Profibus interfaces are galvanically and logically isolated from each other. The two Profibus DP/DPV1 slave interfaces are implemented according to the standard IEC61158 as modular slave, supporting all standard functionality such as Watchdog, Sync and Freeze and diagnostics. Standard DP as well as DPV1 acyclic data services (Class1/Class2) are supported. The Profibus interface module is certified by the Profibus user organization and has proven conformance and interoperability with leading PLC's, HMI's etc. Profibus address is set via rotary switches 0-99.

### KEY FEATURES

- Watchdog support
- Sync and Freeze
- Supports PA baud rate 45.45 kbit/s
- Galvanical isolation between two Profibus networks
- Logical isolation between the two Profibus interfaces
- Complete Profibus DP and DPV1 (Class1/Class2) slave functionality according to IEC 61158

### TECHNICAL SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| <b>Size:</b>                   | 126 mm x 110 mm x 42 mm   |
| <b>Power Supply:</b>           | 24 VDC (±10%)   |
| <b>Temperature:</b>            | 0-65°C  |
| <b>Current Consump:</b>        | max 300 mA  |
| <b>Baud Rate:</b>              | 9600 bit/s - 12 Mbit/s autodetect   |
| <b>I/O Input:</b>              | Max 244 bytes using DP / 512 bytes using DPV1                             |
| <b>I/O Output:</b>             | Max 244 bytes using DP / 512 bytes using DPV1                             |
| <b>Mech Rating:</b>            | IP20/Nema1  |
| <b>Config Method:</b>          | Windows Hyper Terminal  |
| <b>UL certification:</b>       | E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4 |
| <b>ATEX certification:</b>     | ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03                              |
| <b>Power supply connector:</b> | 2-pole 5.08 mm Phoenix pluggable screw connector                          |
| <b>Profibus address ran:</b>   | Node address 0-99   |
| <b>Profibus connector:</b>     | D-sub 9-pin female  |
| <b>Profibus config.:</b>       | Configured by Profibus Master via GSD file (provided by HMS)              |
| <b>Price Group:</b>            | B   |
| <b>Order Code:</b>             | AB7843  |