









## Profibus Slave - EtherCAT 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 Profibus DP/DPV1 slave interface is implemented according to the standard IEC61158 as a 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.

The EtherCAT Slave Interface for the Anybus X-gateway implements CANopen over EtherCAT, and exchanges up to 512 bytes of data in each direction. The interface acts as a slave node, which means it can be accessed by an EtherCAT master, but it will not initiate communication by itself. The module has two RJ45 connectors using 100 Mbit full duplex Ethernet. For configuration a XML-format device description file is supplied by HMS.

KEY FEATURES	
	Complete Profibus DP and DPV1 (Class1/Class2) slave functionality according to IEC 61158
	Supports PA baud rate 45.45 kbit/s
	Watchdog support
	Sync and Freeze
	EtherCAT interface supports CANopen objects (SDOs&PDOs)
	Up to 512 bytes of cyclic data in each direction (PDO)
	Up to 512 bytes of acyclic data in each direction (SDO)
	EtherCAT interface is compliant to specification DS301 v4.02

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>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 connect:</b>	2-pole 5.08 mm Phoenix pluggable screw connector
<b>Profibus baudrate:</b>	9600 bit/s - 12 Mbit/s autodetect
<b>Profibus address:</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>EtherCAT baudrate:</b>	100 Mbit/s
<b>EtherCAT connector:</b>	RJ45
<b>EtherCAT config:</b>	Configured by EtherCAT Master via XML file (provided by HMS)
<b>Price Group:</b>	B
<b>Order Code:</b>	AB7685