

Anybus CompactCom 40 Module PROFIBUS



Item number: AB6600-C

The Anybus CompactCom 40 PROFIBUS is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFIBUS networks. The module version includes connectors to simplify installation, helping you achieve a fast time to market.

Enable communication between industrial devices and PROFIBUS networks

Features and benefits

- ✓ **High performance**
Powered by the award-winning NP40 network processor, the Anybus CompactCom guarantees fast data transfer and low latency, making it ideal for the most demanding industrial applications.
- ✓ **Quick time to market**
HMS provides comprehensive support throughout the integration journey, ensuring a quick time to market.
- ✓ **Life cycle management**
HMS maintains every part of the Anybus CompactCom, including network updates, throughout the product's lifecycle.
- ✓ **Easy to install**
Installing the Anybus CompactCom module is a breeze—simply slide it into the host slot. This user-friendly process can be completed by the end-user.
- ✓ **Supports hardware changes**
Possible to swap or install late in the manufacturing process.
- ✓ **Versatile Event-Based Hardware Interfaces**
Enjoy fast and flexible event-based application hardware interfaces with the option to choose from 8/16-bit parallel or high-speed SPI, and I/O via the shift register interface.
- ✓ **PNO pre-certified**
Pre-certified with the PROFIBUS user organization for network compliance, enabling faster network certification.
- ✓ **Complete communication interface**
The Anybus CompactCom module is a complete communication interface, equipped with connectors that simplify integration. Enjoy an all-in-one solution with easy interchangeability.
- ✓ **Robust Security Measures**
Mandatory software signatures prevent unauthorized downloads to the Anybus CompactCom, while robust encryption techniques safeguard against illicit copying.



General	
Net Width (mm)	50
Net Height (mm)	22
Net Depth (mm)	52
Net Weight (g)	29
Packed Width (mm)	8
Packed Height (mm)	3
Packed Depth (mm)	7
Packed Weight (g)	40
Operating Temperature °C Min	-40
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Class (CompactCom series)	A
Input Voltage (V)	3.3 VDC, +/- 0.15 VDC
Application Interface	8/16-bit parallel (30 ns access) High speed SPI, baudrate configurable up to 20 MHz I/O (shift register interface, cyclical update time 82 µs) UART (for backwards compatibility with 30-series, max 625kbps)
Isolation	Galvanic Isolation
Content of Delivery	CompactCom M40 module
Mounting	PCB mounting via a customized CompactFlash connector
Warranty (years)	1 year



Identification and Status

Product ID	AB6600-C
Country of Origin	Sweden
HS Code	8517620000
Export Control Classification Number (ECCN)	3A991.a.2

Physical Features

Connectors / Input / Output	1x 9-pin D-SUB female
LED Indicators	Semi-Integrated. Module Status and Network Status via application interface or external light pipes
Form Factor	Module

Certifications and Standards

UL Information	E214107
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