

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.

Anybus CompactCom 40 Module PROFIBUS



| 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 |
| Supply Risk Factor ERP | Used in Volume 01 |

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 |
|----------------|---------|