

Anybus CompactCom 40 Module Without Housing - PROFIBUS



Item number: AB6700-C

The Anybus CompactCom 40 Without Housing 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.

✓ Custom look

Delivered without housing, enabling the Anybus CompactCom to be securely integrated behind the front panel of your device, resulting in a customized appearance and seamless design integration.

✓ 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 PNO 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.

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General

| | |
|---|---|
| Net Width (mm) | 37 |
| Net Height (mm) | 16 |
| Net Depth (mm) | 51 |
| Net Weight (g) | 19 |
| Packed Weight (g) | 19 |
| Operating Temperature °C Min | -40 |
| Operating Temperature °C Max | 85 |
| 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 (without housing) |
| Mounting | PCB mounting via a customized CompactFlash connector |
| Warranty (years) | 1 year |

Identification and Status

| | |
|-------------------|------------|
| Product ID | AB6700-C |
| Country of Origin | Sweden |
| HS Code | 8517620000 |

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Identification and Status

| | |
|---|-----------|
| Dual Usage | No |
| Export Control Classification Number (ECCN) | 3A991.a.2 |

Physical Features

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|-----------------------------|---|
| 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 without Housing |
| Contains Battery | No |

Certifications and Standards

| | |
|----------------|---------|
| UL Information | E214107 |
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