

## Anybus CompactCom 40 Module Without Housing - PROFINET-IRT - Transparent Ethernet



Item number: AB6735-E

The Anybus CompactCom 40 PROFINET-IRT - Transparent Ethernet is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFINET networks. The Transparent Ethernet channel lets you utilize high-end processors for custom IT functions. The module includes connectors for a fast time to market.

*Enable communication between industrial devices and PROFINET 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.
- ✓ **Transparent Ethernet channel**  
Includes a Transparent Ethernet channel, allowing users to tap into the potential of their high-end processors for developing personalized IT functions.
- ✓ **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.
- ✓ **Supports hardware changes**  
Possible to swap or install late in the manufacturing process.

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| General                                       |   |
|---|---|
| Net Width (mm)                                | 37  |
| Net Height (mm)                               | 16  |
| Net Depth (mm)                                | 51  |
| Net Weight (g)                                | 18  |
| Packed Weight (g)                             | 18  |
| 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) | B   |
| 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                                    | AB6735-E  |
| Country of Origin                             | Sweden  |
| HS Code                                       | 8517620000  |

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## Identification and Status

|   |       |
|---|-------|
| Export Control Classification Number (ECCN) | EAR99 |
|---|-------|

## Physical Features

|                             |         |
|-----------------------------|---------|
| Connectors / Input / Output | 2x RJ45 |
|-----------------------------|---------|

|                |   |
|----------------|---|
| LED Indicators | Semi-Integrated. Link/Activity are available on RJ45 connectors. Module Status and Network Status via application interface or external light pipes |
|----------------|---|

|             |                        |
|-------------|------------------------|
| Form Factor | Module without Housing |
|-------------|------------------------|

## Certifications and Standards

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