

## Anybus CompactCom 40 Module Without Housing - Common Ethernet - Transparent Ethernet



Item number: AB6734-E

The Anybus CompactCom 40 Common Ethernet is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFINET, EtherCAT, EtherNet/IP, Modbus TCP, Powerlink, or BACnet/IP networks. The Transparent Ethernet channel lets you utilize high-end processors for custom IT functions. With connectors.

*Enable communication between industrial devices and Industrial Ethernet 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.

#### ✓ 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.

#### ✓ Pre-certified

Pre-certified for network compliance for all networks, 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.

#### ✓ Switch networks without changing hardware

Simply download firmware for PROFINET, EtherCAT, Modbus-TCP, POWERLINK, or EtherNet/IP, ensuring adaptability to industrial network changes without altering hardware.

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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	AB6734-E
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

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
Contains Battery	No

## Certifications and Standards

UL Information	E214107
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