

## Anybus CompactCom 40 Module M12 Without Housing DeviceNet



Item number: AB6741-C

The Anybus CompactCom 40 M12 Without Housing - DeviceNet is a communication interface that can be embedded into any industrial device or machine to enable communication with DeviceNet networks. The module version includes network connectors to simplify installation, helping you achieve a fast time to market.

*Enable communication between industrial devices and DeviceNet networks*

### Features and benefits

#### ✓ M12 Connector

The M12 connectors provides the opportunity to raise the IP rating of a product up to IP67.

#### ✓ 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.

#### ✓ ODVA pre-certified

Pre-certified with ODVA 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.

#### ✓ 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.

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| General                                       |   |
|---|---|
| Net Weight (g)                                | 32  |
| Packed Weight (g)                             | 32  |
| 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) | C   |
| 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 M12 module   |
| Mounting                                      | PCB mounting via a customized CompactFlash connector  |
| Warranty (years)                              | 1 year  |

| Identification and Status                   |            |
|---|------------|
| Product ID                                  | AB6741-C   |
| Country of Origin                           | Sweden     |
| HS Code                                     | 8517620000 |
| Export Control Classification Number (ECCN) | EAR99      |

| Physical Features           |   |
|-----------------------------|---|
| Connectors / Input / Output | 2x M12  |
| LED Indicators              | Integrated on front. Indicates Module Status, Network Status and Link/Activity. |

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## Physical Features

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

## Certifications and Standards

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