



Anybus CompactCom 40 Module M12 PROFINET

Item number: AB6642-C

The Anybus CompactCom 40 M12 - PROFINET is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFINET networks. The module version includes network connectors to simplify installation, helping you achieve 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.

✓ 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.

✓ 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 Weight (g)	44
Packed Weight (g)	44
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)	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 M12 module
Mounting	PCB mounting via a customized CompactFlash connector
Warranty (years)	1 year

Identification and Status

Product ID	AB6642-C
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	2x M12
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Physical Features

LED Indicators	Integrated on front. Indicates Module Status, Network Status and Link/Activity.
Form Factor	Module
Contains Battery	No

Certifications and Standards

UL Information	E214107
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