HD67059-B2 (20-40-80-160-250 slaves)

Protocol Converter: Modbus to M-Bus

Protocol Converter HD67059-B2 serie:
Produced by ADFweb.com, is used like language converter from Modbus Protocol to M-Bus, for read Modbus instruments (Slave) from a Master M-Bus.

Modbus:
Is the protocol most frequently used in the industrial and civil automation for the communication with several devices connected in the same net.
Defines the format and the communication mode between a Master, that control the system, and one or more slaves that answer to the master queries.
This can be, for example, a system for measuring temperature, humidity, pressure, hot and/or cold water , etc. .. and allows communication with PC/PLC.
There are two types of Modbus, divided into the serial RTU and ASCII, and the one on Ethernet, the Modbus TCP.

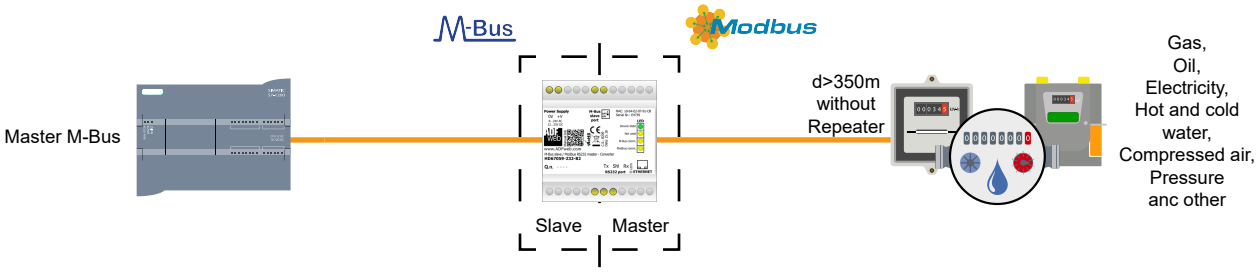
M-Bus:
Is a specific protocol used for the reading of Energy, hot and cold water, gas, pressure, etc. … of counters and totalizers.
Usually the M-Bus uses a specific physical connection (Physical Layer), but in some cases it uses a RS232 or RS485 [see HD67055].

Other Soluction Protocol Converter Modbus / M-Bus:
Several solutions implemented to cover all the cases presented by the market:
- Modbus to M-Bus [HD67029M serie];
- Modbus TCP to M-Bus [HD67044-B2 serie];
- CANopen to M-Bus [HD67051-B2 serie];
- DeviceNet to M-Bus [HD67058-B2 serie];
- Modbus to Multi-Master M-Bus [HD67063];
- … other.

M-Bus to Modbus HD67059M
The products of HD67059M series are protocol converter between M-Bus and Modbus.
The Modbus connection is through RS232 or RS485.
The converter is Slave at M-Bus side and Master at Modbus side.
They allow to insert in a M-Bus network the measuring instruments that communicates with Modbus.
An innovative characteristic is that is possible to concentrate in a single M-Bus slave device various Modbus devices, or create more than one.

- European standard EN 1434;
- Microprocessor control;
- Galvanic isolation between M-Bus and Modbus;
- 35 mm DIN rail mounting;
- Settable transmission speed from 300 to 38400 baud;
- AC/DC Power supply;

Quick PRICE



Order Code Technical data:	HD67059-B2
Operating voltage:	8V .. 35V DC 8V .. 21V AC
Min / Max-load consumption:	3,5W / 4W
Transmission speed R2232/RS485:	1200 .. 115.200 baud
Transmission speed M-Bus:	300 .. 38.400 BAUD
Galvanic Isolation to M-Bus:	yes
Temperature range °C / °F:	-40/+85°C
Dimensions DxWxH:	95x71x60 mm

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QR - quick response (matrix code)

info Modbus to M-Bus HD67029M serie