

Protocol Converter: to

HD67077-B2 Serie - Available in 5 versions: 20-40-80-160-250 slaves

Protocol Converter HD67077-B2 Serie:

Produced by ADFweb.com, is used like language converter from EtherNet/IP Protocol to M-Bus and vice-versa, for read M-Bus instruments (Slave) from a Master EtherNet/IP.

DeviceNet:

Is a protocol, based on CAN, used in the industrial automation for the data exchange between a Master, usually a PLC, and I/O devices (sensors and actuators).

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 Solution Protocol Converter:

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]
- ♦ Profibus to M-Bus [HD67053-B2 serie]
- ♦ Modbus to Multi-Master M-Bus [HD67063]
- ♦ ... other www.adfweb.com

EtherNet/IP to M-Bus HD67077-B2

The products of HD67077-B2 series are protocol converter between EtherNet/IP and M-Bus.

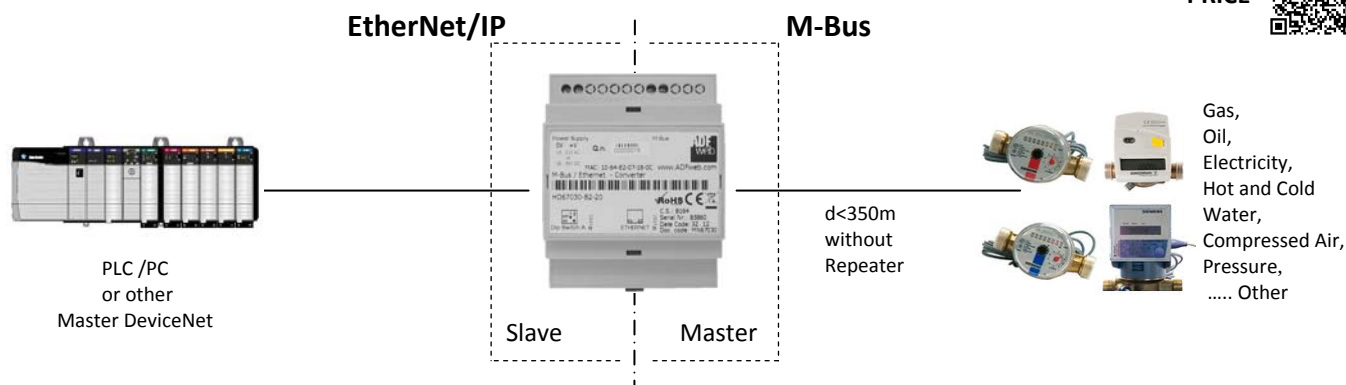
They allows to have available, on PLC/PC that communicates on EtherNet/IP , the informations of M-Bus Slaves devices.

The M-Bus Master allow to connect and to feed up to 250 slaves for leght of 350m.

For longer lengths, or with more than 250 slaves, the use of repeaters field [HD67032M series] is suggested.

- European standard EN 1434
- Microprocessor control
- Scalable da 1 a 250 slaves
- Galvanic isolation between EtherNet/IP and M-Bus
- 35 mm DIN rail mounting
- Settable transmission speed from 300 to 38400 baud
- AC/DC Power supply

Quick
PRICE



Order Code Technical data:	HD67058-B2-20 20 slaves	HD67058-B2-40 40 slaves	HD67058-B2-80 80 slaves	HD67058-B2-160 160 slaves	HD67058-B2-250 250 slaves
Operating voltage:	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC	18V .. 35V DC 15V .. 21V AC
Consumption single slave:	1,5 mA	1,5 mA	1,5 mA	1,5 mA	1,5 mA
Min / Max-load consumption:	3,5W / 4W	3,5W / 5W	3,5W / 8W	3,5W / 14W	3,5W / 30 W
M-Bus voltage (without load):	38V	38V	38V	38V	38V
Max. M-Bus quiescent current:	30mA (20 unit loads)	60mA (40 unit loads)	120mA (80 unit loads)	240mA (160 unit loads)	375mA (250 unit loads)
Overcurrent threshold:	250mA	250mA	250mA	500mA	500mA
Transmission speed DeviceNet:	up to 500 kbps	up to 500 kbps	up to 500 kbps	up to 500 kbps	up to 500 kbps
Transmission speed M-Bus:	300 .. 38.400 baud	300 .. 38.400 baud	300 .. 38.400 baud	300 .. 38.400 baud	300 .. 38.400 baud
Galvanic Isolation to M-Bus	yes	yes	yes	yes	yes
Temperature range °C / °F:	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]	-40/+70°C [-40/+158°F]
Dimensions DxWxH	106x60x95 mm	106x60x95 mm	106x60x95 mm	106x63x95 mm	106x75x95 mm



ADFweb.com srl
Strada Nuova, 17
31010 Marenco di Piave
Treviso — ITALY
www.adfweb.com

Tel. +39-0438-30.91.31
Fax +39-0438-49.20.99
Id. Tax IT-0385360262
info@adfweb.com

QR—quick response
(matrix code)
info DeviceNet to M-Bus
HD67058-B2 serie

