

Isolator/Repeater M-Bus

HD67032M Serie - Available in 5 versions: 20-40-80-160-250 slaves

HD67032M Serie:

Produced by ADFweb.com is used to extend a M-Bus network and for create an electrical isolation of a M-Bus section.

M-Bus:

Is a specific protocol used for the reading of Energy, hot and cold water, gas, pressure, etc. ... of counters and totalizers.

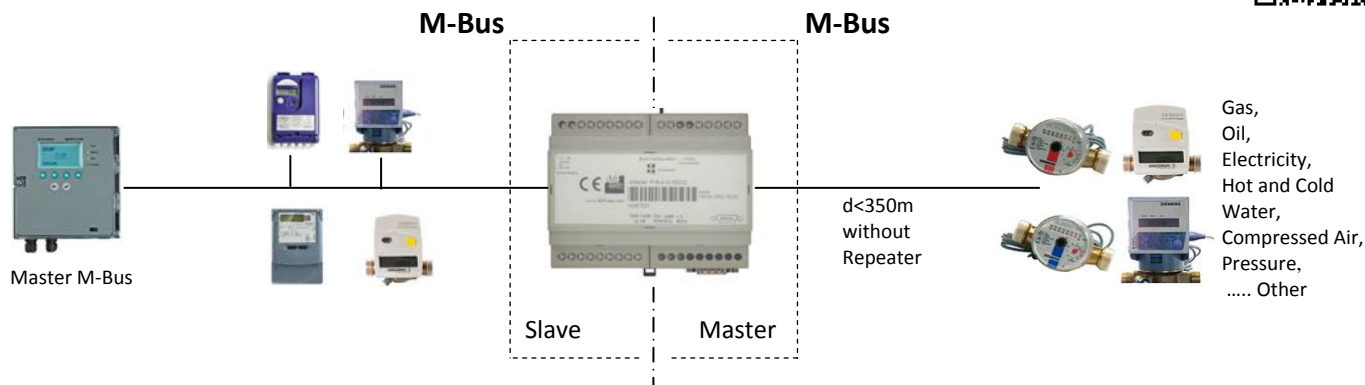
Usually the M-Bus uses a specific physical connection (Physical Layer), but in some cases it uses a RS232 or RS485 [see [HD67055](#)].

Isolator/Repeater M-Bus HD67032M

HD67032M products are used to extend the length of a M-Bus network, this allow to connect more instruments and for create an electrical isolation of a M-Bus section. All these function are available in a one instrument. The signals are regenerated by a microprocessor that guarantees a stable communication.

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

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PRICE



Order Code	HD67032M-20	HD67032M-40	HD67032M-80	HD67032M-160	HD67032M-250
Technical data:	20 slaves	40 slaves	80 slaves	160 slaves	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):	34V	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 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



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