CALEFFI Hydronic Solutions

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Slave M-Bus to RS-485 converter

EN

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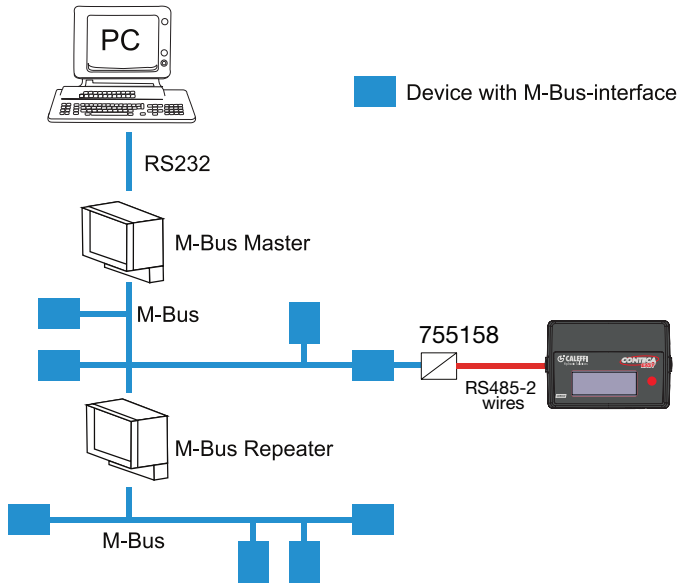
Code 755158

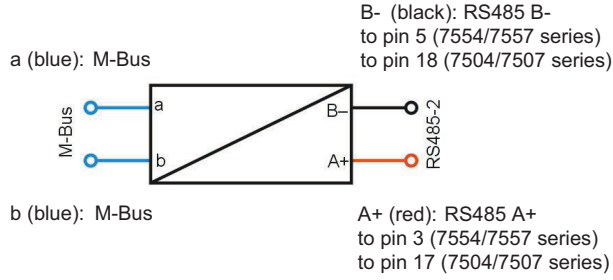
General

The M-Bus system is a data transmission system for acquiring, evaluating, optimizing and controlling energy and process data.



Terminal assignment

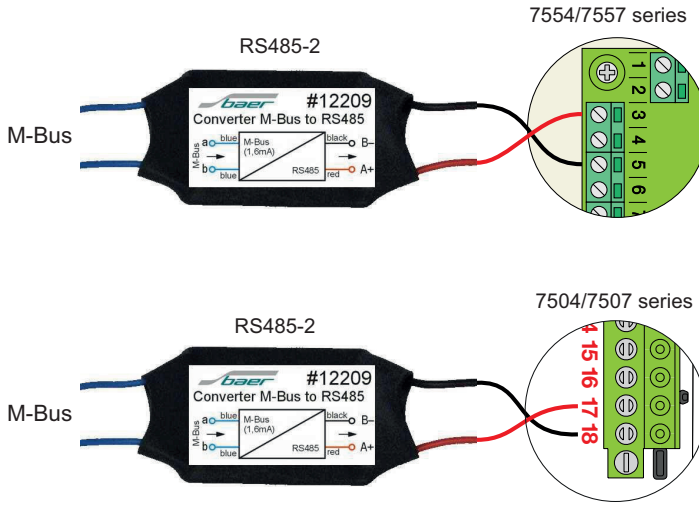
Four cables for universal use



Brief Description

The converter “M-Bus to RS485 2 wires” is used to adapt physically two interfaces (level converter):

- Input: M-Bus-Interface passive: function „Slave“
- Output: RS485 2 wires interface: networking of one or more meters (max. 5)



Technical Data

Housing:	Board with four cables
Degree of protection:	IP30
Protection class:	2
Temperature range:	-25°C to +75°C (operational) -40°C to +90°C (storage temperature)
Dimensions:	W = 60mm, H = 10mm, D = 35mm
Auxiliary voltage:	none
Interface:	• M-Bus passive according to DIN EN 1434-3, M-Bus standard load: max. 1,6mA from M-Bus M-Bus voltage: min. 30V • RS485 2 wires half-duplex to drive up to 5 standard loads • Without galvanic separation (for earth-free “floating” circuit only)
Baud rate:	9600 Baud
Function:	Level converter, transparent, without protocol conversion