

Field Bus Modem FBM 2180

BENEFITS

- Increases the possible distance between a FCU and TankMaster PC
- Diagnostic LEDs on front cover
- Enables multidrop - one TankMaster can serve many FCUs via the FBM 2180
- Multiple mounting options
- Enables FCU redundancy



FBM 2180 connects the TankMaster Inventory Management software PC to the TRL/2 Bus

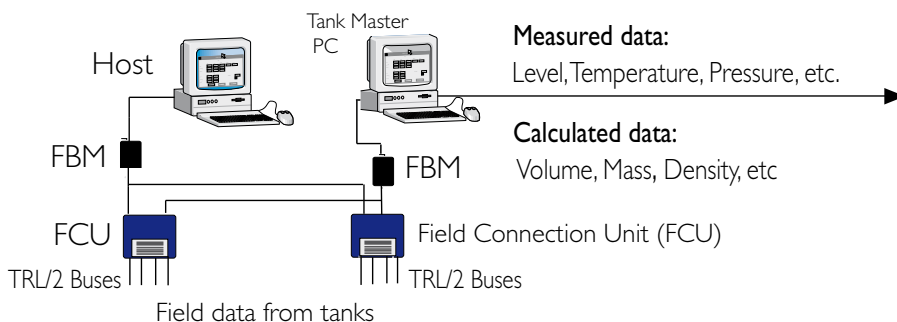
TankMaster communicates on the TRL/2 Bus via the Field Bus Modem (FBM). The Field Bus Modem translates the signals from RS-232 or the USB to TRL/2 Bus and vice versa.

The FBM 2180 is connected to the PC using either the RS-232 or the USB interface, and has LEDs indicating power on and communication. TankMaster version 4.F1 or higher is required for the USB interface functionality. For the TRL/2 interface, there are front panel switches to set gain and termination if required. FBM 2170 and FBM 2171 can easily be replaced by the FBM 2180 in existing installations.

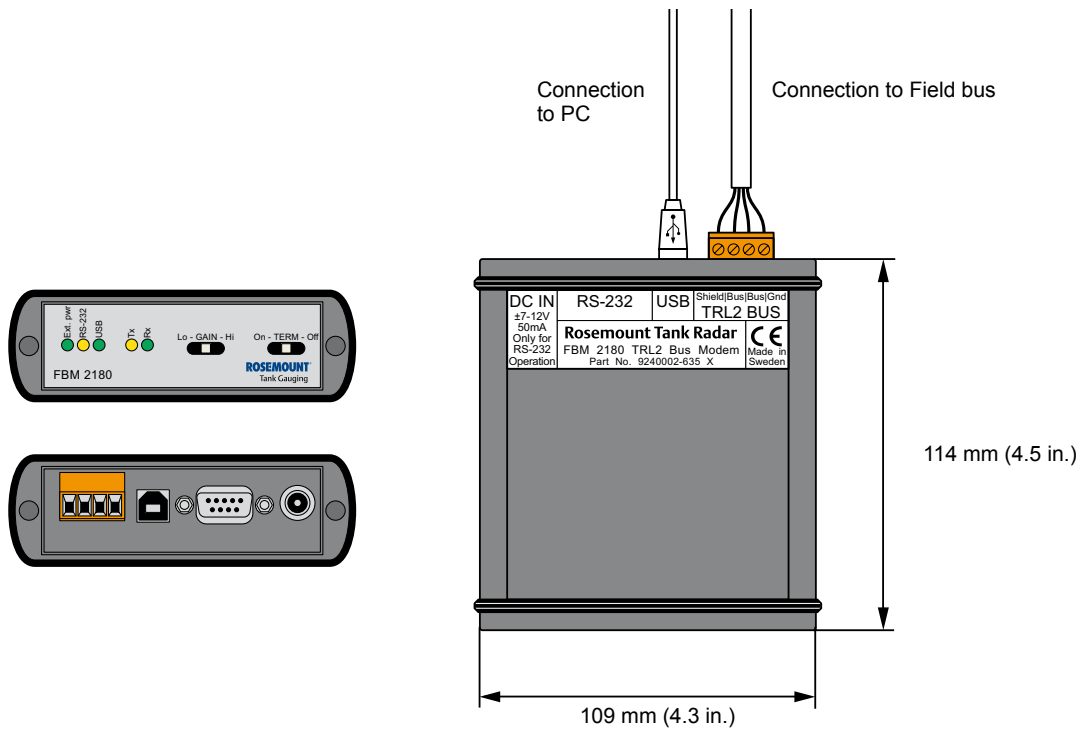
The mechanical mounting of the FBM 2180 is performed using the mounting kit included in all deliveries. This kit enables fitting of the FBM 2180 to a standard DIN rail.

The Field Bus Modem is delivered with cables for RS-232 and USB connection to the PC. The USB cable also supplies power to the FBM 2180. A separate power supply cable, included in delivery, is only necessary for the RS-232 option.

The switches on the front panel can be used to set gain and termination if required.



Specification	
Explosion protection	None
Power Supply (used for RS-232)	DC-in 7-12 V, max 50 mA
Cable to host PC	RS-232: 3 m (10 ft) or USB: 3 m (10 ft)
Field bus over voltage protection	Galvanic insulation, transient suppressors
Field Interface	TRL/2
Computer / Host interface:	RS-232 or USB
LED indicators	External power connected. Host connection TRL/2 transmit, receive.



The FBM 2180 has both RS-232 and USB interface to the PC.

Technical details are subject to change without prior notice. For more technical details, see the Rex Technical Description.



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