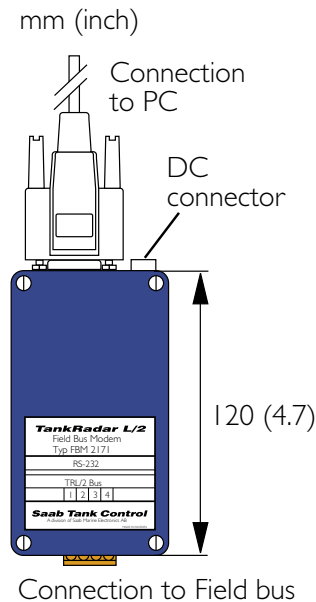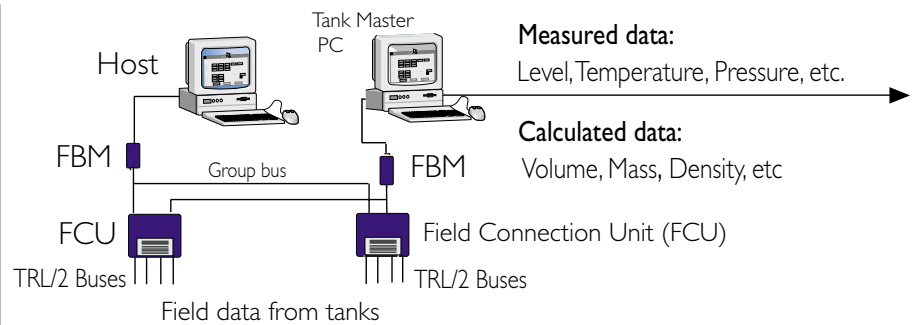*SaabTankRadar*®

Field Bus Modem, FBM 2171

The Field Bus Modem, FBM, is used to connect a PC with the TankMaster HMI software to the TRL/2 Bus. The FBM converts the signal from RS-232 to the TRL/2 Bus. The Field Bus Modem is delivered with the cable for connection to the PC. The Field Bus Modem has its own power supply through an AC/DC converter.

Host

Tank Master PC

FBM

Group bus

FBM

FCU

Field Connection Unit (FCU)

TRL/2 Buses

TRL/2 Buses

Field data from tanks

Measured data:
Level, Temperature, Pressure, etc.

Calculated data:
Volume, Mass, Density, etc

mm (inch)

Connection to PC

DC connector

120 (4.7)

Connection to Field bus

Technical Data	
Explosion protection:	None
Power supply:	From AC/DC converter supplied by Saab Rosemount (6-12 V, 150 mA).
Cable to host PC:	3 m (10 ft) included in delivery.
Field bus over voltage protection:	Galvanic insulation, transient protection, suppressors and fuses.
Field interface:	TRL/2 bus
Computer / Host interface:	RS232, 9 pole 9 pD-sub

SAAB ROSEMOUNT
Tank Control

EMERSON
Process Management