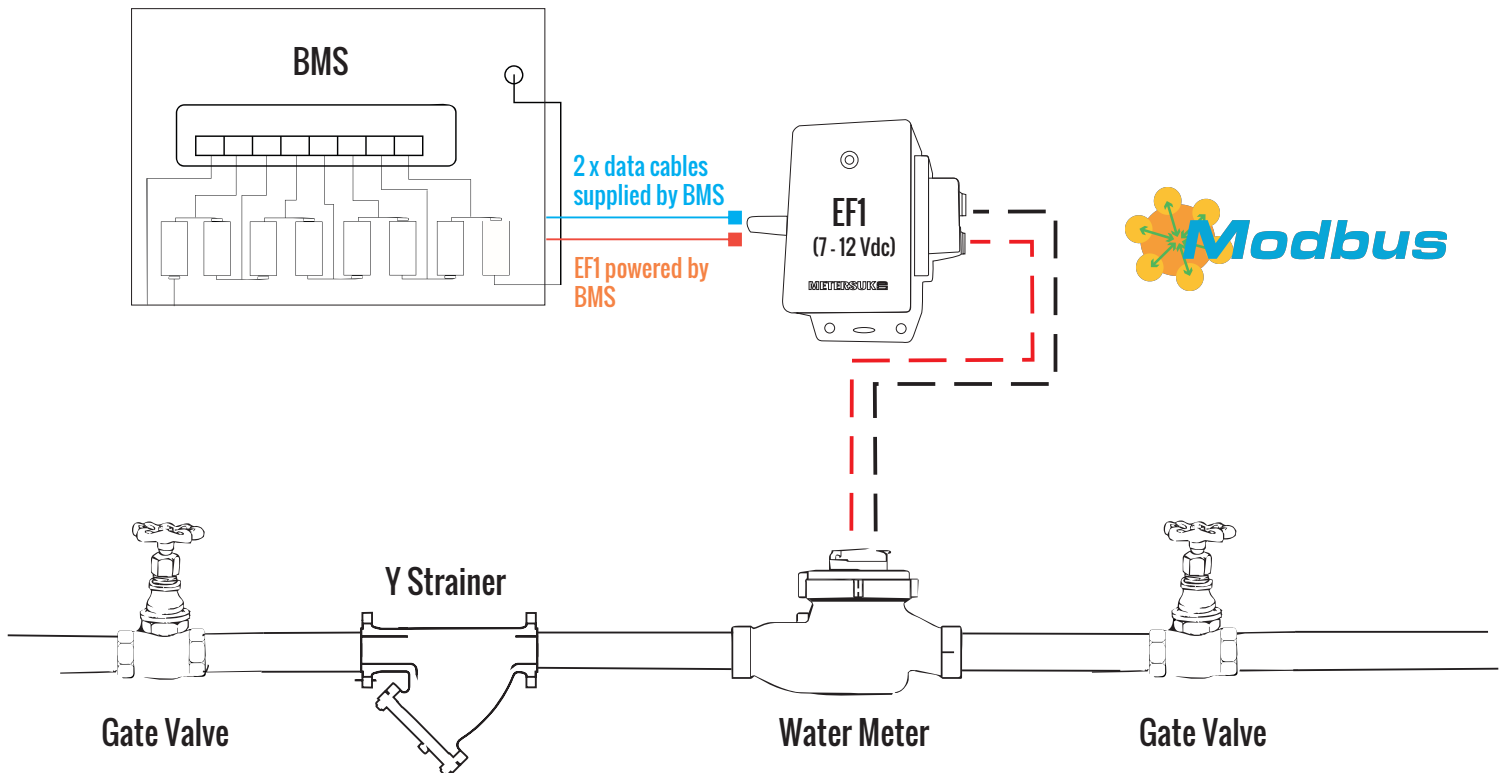


# WATER METER WITH MODBUS

## PIPEWORK AND VALVE LAYOUT



## TOMi / MAXi Flow meter + EF1 Modbus Module

### FLOW METERS.

TOMi (BSP threaded) - Multi Jet Dry Dial / MAXi (Flanged to Pn16) Woltmann Dry Dial  
Class B (This is a Class 2 instrument according to the Measuring Instruments Directive (MID) 2004)

### EF1

Converts any utility meter (Electricity | Gas | Heat | Oil | Steam | Water) into Modbus.  
The utility meter must have a pulsed output)

Directly connects to the Modbus system  
Current drawn 3 mAmps (Requires external 7 - 30 vdc supply)  
EF1 Size : 78mm Wide | 110mm Long | 38mm Deep Connections

Four wire connection from Modbus (2 x data | 2 x power)  
Two wire connection - pulse lead to utility meter

Output - EF1 dispatches 5 vdc to power vold free/reed relays etc  
Maximum distance from utility meter is 5 meters