

NextCentury Data Gathering System

Meter Compatibility

1| Pulse Output Water Meters

Meter	Tested	Polarity	Installation Instruction
NextCentury M201 3/4" polymer multi-jet (cold/hot)	Yes	No	*No polarity
NextCentury M201C 3/4" polymer multi-jet (cold)	Yes	No	*No polarity
NextCentury M201CH 3/4" polymer multi-jet (cold/hot)	Yes	No	*No polarity
Master Meter FAM 5/8" x 3/4" polymer multi-jet (cold)	Yes	No	*No polarity
Master Meter 5/8" x 3/4" brass multi-jet (hot)	Yes	No	*No polarity
Master Meter MM 1" brass multi-jet (cold)	Yes	No	*No polarity
Master Meter MM 1" brass multi-jet (hot)	Yes	No	*No polarity
Master Meter MM 1-1/2" flanged multi-jet	Yes	No	*No polarity
Master Meter MM 1-1/2" threaded multi-jet	Yes	No	*No polarity
Master Meter MM 2" flanged multi-jet	Yes	No	*No polarity
Master Meter MM 2" threaded multi-jet	Yes	No	*No polarity
Master Meter IP68 Bottom Load Meter 5/8" x 3/4"	Yes	No	*No polarity
MTW MJ20 5/8" x 3/4" multi-jet (cold)	Yes	No	*No polarity
MTW MJ420 3/4" multi-jet (hot)	Yes	No	*No polarity
MTW SM 15B 5/8" x 3/4" no lead (cold)	Yes	No	*No polarity
MTW SM 15P 5/8" x 3/4" polymer (cold)	Yes	No	*No polarity
Norgas SingleMag (cold)	Yes	No	*No polarity
Norgas SingleMag (hot)	Yes	No	*No polarity
Norgas VersaMag (cold)	Yes	No	*No polarity
Norgas VersaMag (hot)	Yes	No	*No polarity
Hersey 5/8" 430 (cold)	Yes	Yes	The black and white wires are negative. The red wire is positive. The red wire will be connected to the blue Degson that has the "+" sign on the Transceiver board. The "black" is connected to the "-" sign on the connector.
Zenner Minomess 130 single-jet (cold)	Yes	No	*No polarity
Badger M25 5/8" x 3/4" w/-RTR Register	Yes	Yes	The black wire is negative and the red wire is positive. The red wire will be connected to the blue Degson that has the "+" sign on the Transceiver board. The "black" is connected to the "-" sign of the connector.
IstaMeter (Pulse Model) 5/8"x3/4" brass	Yes	No	*No polarity
Elster Amco Meter (Gernade) 3/4" brass	Yes	No	Use the blue and red wires, cut, or tape the black and yellow wires (they will not be used). *No polarity
Elster Amco C700 3/4" & 5/8" (cold)	Yes	No	Use black and red wires, cut, or tape the black and yellow wires (they will not be used). *No polarity
MLX i-meter with 8 Channel MLX Meter Interface Card (MIC)	Yes	Yes	Gallon wire (red) is positive. Multiplier: 1 pulse from MIC= 1 gallon.

*There is no polarity, you can insert the wires into either port.

2| Encoded Meters (Must be installed with a EN-201 Pulse Converter)

Meters using the register types listed below should be compatible. Compatibility has been tested and confirmed for the specific models listed. Please contact support@nextcenturymeters.com for any compatibility questions. Refer to the [EN201 Pulse Converter Installation Guide](#) for more detailed installation instructions.

Note: Some encoded registers require the Version 2 Pulse Converter. See notes below for version requirement. Please specify the meter being used when ordering for a new project.

Meter	Notes	Installation Instructions
Neptune ProRead Register Has been tested on the following models: <ul style="list-style-type: none"> T-10 5/8" Auto H65N (Gallons) T-10 5/8" Auto H65N (Cubic Feet) Aquity 3/4" Auto G65N (Gallons) 	Register must be programmed to 3-wire mode if not AutoDetect (ProRead Rev. E or earlier)	The green wire goes to G, black wire goes to P, red wire goes to D of the three-terminal blue Degson connector. Pulse multiplier and resolution depend on meter units. For the listed meters, 1 pulse = 10 gallons / 1 cubic foot.
Neptune E-Coder Register Has been tested on the following models: <ul style="list-style-type: none"> T-10 5/8" E-Coder (Gallons) 		The green wire goes to G, black wire goes to P, red wire goes to D of the three-terminal blue Degson connector. 1 pulse= 10 gal.
Sensus ECR Register Has been tested on the following models <ul style="list-style-type: none"> Invensys 5/8" (Cubic Feet) 	<u>Must Use Version 2 Pulse Converter</u>	The B wire goes to G, R wire goes to P, and G wire goes to D of the three-terminal blue Degson connector.
Sensus ICE Register Has been tested on the following models <ul style="list-style-type: none"> Sensus SR II 3/4" ICE (Gallons) Sensus PMM 5/8" ICE (Gallons) 	<u>Must Use Version 2 Pulse Converter</u>	The B wire goes to G, R wire goes to P, and G wire goes to D of the three-terminal blue Degson connector. 1 pulse= 100 gal.
Sensus ICE Opto Register Has been tested on the following models <ul style="list-style-type: none"> Sensus SR II/aS 5/8" ICE Opto (Gallons) 		The B wire goes to G, R wire goes to P, and G wire goes to D of the three-terminal blue Degson connector. 1 pulse= 100 gal.
Sensus Electronic Register Has been tested on the following models <ul style="list-style-type: none"> Omni R2 1 1/2" (Programmable) 	<u>Must Use Version 2 Pulse Converter</u>	The B wire goes to G, R wire goes to P, and G wire goes to D of the three-terminal blue Degson connector. Pulse multiplier depends on register programming.
Master Meter AccuLinX Register Has been tested on the following models <ul style="list-style-type: none"> 5/8" BL (Gallons) 	<u>Must Use Version 2 Pulse Converter</u>	No color coding is listed on meter terminals. When wired (from left to right) B, G, R; then the B wire goes to G, R wire goes to P, and G wire goes to D of the three-terminal blue Degson connector.
Badger HR/E Has been tested on the following models <ul style="list-style-type: none"> 1" Cubic Feet 		The B wire goes to G, R wire goes to P, and G wire goes to D of the three-terminal blue Degson connector.

3| Electric Meters

Meter	Tested	Polarity	Installation Instruction
KYZ Output Boards with 2 wire pulse output (1.2 watt hours. per pulse)	Yes	No	You must use the K and Y output wires. Insert wires into either port.
Leviton Solid State Electric Kilowatt Hour Meter – Model # 6F201-C02	Yes	Yes	Connect ISOL COMM port of meter to the blue Degson that has the “-” sign on the Transceiver board. Connect desired ISOL output port on the meter (10 Wh, 100 Wh, 1,000 Wh) to the “+” sign on the blue Degson connector.
Leviton Mini Meter	Yes	Yes	Connect ISOL COMM port of meter to the blue Degson that has the “-” sign on the Transceiver board. Connect desired ISOL output port on the meter (10 Wh, 100 Wh, 1,000 Wh) to the “+” sign on the blue Degson connector.
Eaton IQ35-MA11	Yes	Yes	Make sure the “+” and “-” match up on both the meter and the Transceiver. Also, note that the multiplier is programmable. This same multiplier is then entered in the NextCentury property programming.
OhioSemitronics SKM-200NC	Yes	Yes	Factory installed and wired to electric meter.
Byram Labs SM23	Yes	Yes	Factory installed and wired to electric meter. 1 pulse = 10 kWh
EZ Meter	Yes	Yes	Connect ISO + and -, match polarity on Transceiver’s blue Degson connector. 1 pulse = 1 kWh.

4| Gas Meters

Meter	Tested	Polarity	Installation Instruction
Itron Metris 250TC with 2 wire pulse output	Yes	No	*No polarity
Itron Model 400A with 2 wire pulse output	Yes	No	*No polarity
Norgas NG4	Yes	No	*No polarity
MTW G4	Yes	No	*No polarity

*There is no polarity, you can insert the wires into either port.

5| Run-Time Meters

Meter	Tested	Polarity	Installation Instruction
Norgas RT-500 series	Yes	No	Connect wires from Norgas pulse output port to Transceiver’s meter port. *No polarity

6| Contact Us

If you have any questions or concerns related to these guidelines, please contact NextCentury Submetering Systems, Product Support-- **Phone:** (844) 538.8203 opt. 2 **Email:** support@nextcenturymeters.com