

Terminal Block Hookup -

Terminal	Function	Sensus Meter Color (Badger, Metron-Farnier, Master Meter, Kamstrup, Mueller, Zenner, RG3)	Neptune Color	Elster Color
1	Meter Clock	Red	Black	Wht Grn
2	Meter Data	Green White	Red	Red
3	Meter Ground	Black	Green	Black
4	Utility AMI Clock	Red	Black	Wht Grn
5	Utility AMI Data	Green White	Red	Red
6	Utility AMI Ground	Black	Green	Black

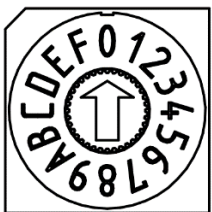
Wiring Notes:

1. With the exceptions of Neptune Technology Group and Elster-AMCO (Honeywell), most meter manufacturers follow the Sensus wire color-coding scheme.
2. Meter Terminal Block Hookup (Terminals 1,2,3): Apply the color-coding that pertains to the manufacturer of the Water Meter.
3. Utility AMI/AMR Terminal Block Hookup (Terminals 4,5,6): Apply the color-coding that pertains to the manufacturer of the AMI/AMR Endpoint.
4. Alternative color-coding: manufacturers occasionally substitute a WHITE wire for a GREEN wire.

Dip Switch Settings -

1 2	Meter Brand	Sensus: 1=Down 2=Down Neptune: 1=Up 2=Down Elster: 1=Down 2=Up Sensus 7-Digit: Master Meter Octave	1=Up 2=Up
3 4 5	Totalizer Units	Gal: 3=Down 4=Down 5=Down Ft ³ : 3=Up 4=Down 5=Down L: 3=Down 4=Up 5=Down M ³ : 3=Up 4=Up 5=Down AcreFt: 3=Down 4=Down 5=Up Units: 3=Up 4=Up 5=Up	
6	Display Appx Rate-of-Flow	ON: 6=Up	
7	Display Meter ID	ON: 7=Up	
8	Backlight Enable	ON: 8=Up	

Rotary Switch Settings -



0	x 1 (No Multiplier)
1	x 10
2	x 100
3	x 100
4	x 1,000
5	x 10,000
6	x 100,000
7	x 1,000,000
F	x 0.1
E	x 0.01
D	x 0.001
C	x 0.0001
B	x 0.00001
A	x 0.000001
9	x 0.0000001

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The Meter Display

QUICK-START GUIDE

Initial Setup:

1. Open Up the Enclosure by Unscrewing the Four (4) Screws.
2. Insert the Water Meter Cable Through the Left Cable Gland.
3. Land the 3 Water Meter Cable Wires on the Meter Terminal Block (Terminals 1,2,3), Per Color-Coding Specified in the Datasheet.
4. Set the Dip Switches, Per the Datasheet.
5. Set the Rotary Switch to Correctly Set the Decimal Point.
6. Press the "Read" Button and Verify That the Display's Reading is a Perfect Match to the Water Meter.

Optional 1: AMI/AMR Parallel Connection:

1. Insert the AMI/AMR Cable Through the Right Cable Gland.
2. Land the 3 AMI/AMR Cable Wires on the AMI/AMR Terminal Block (Terminals 4,5,6), Per Color-Coding Specified in the Datasheet.

Optional 2: No AMI/AMR Parallel Connection:

1. Remove the Unused Cable Gland, and Replace with the Provided 1/4" NPT Plug. Make Sure to Make Use of the Rubber Washer from the Unused Cable Gland.

Seal the Display:

1. Ensure that the Enclosed Desiccant Pack is Inserted into the Base.
2. Attach the Cover to the Base by Tightening the Four (4) Screws.
3. Tighten the Cable Gland(s).
4. Affix the Two (2) Tamper-Evident Labels to the Left and Right Sides of the Display, Overlapping Both the Base and Cover.



The Meter Display

PERSONALITY SETTINGS FOR NEPTUNE WATER METERS

Settings for E-Coder and Pro-Coder Registers:

Size	Gallon	Cubic Feet	Cubic Meters
5/8", 3/4", 1"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=F	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=E	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=D
1.5", 2", 3", 4"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=0	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=F	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=E
6"-12"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=1	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=0	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=F
16", 20"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=2	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=1	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=0

Settings for Auto H65N Pro-Read Registers:

Size	Gallon	Cubic Feet	Cubic Meters
5/8", 3/4", 1"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=1	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=0	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=F
1.5", 2", 3", 4"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=2	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=1	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=0
6"-12"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=3	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=2	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=1
16", 20"	DipSw.1=Up DipSw.2=Down DipSw.3=Down DipSw.4=Down DipSw.5=Down RotarySw=4	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Down DipSw.5=Down RotarySw=3	DipSw.1=Up DipSw.2=Down DipSw.3=Up DipSw.4=Up DipSw.5=Down RotarySw=2



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