



**Neptune T10 Flow-Consumption Meter  
Model NT10-4P-CF-I  
Submersible Pulse Adapter for Neptune Meters**

High Resolution Digital Output, Dry Contact Form A switch

1/2" Female Conduit Fitting- Waterproof Connection, Fully Submersible with or without conduit fitting Dual Outputs available 1.5" Ht x 3.5" Diameter  
0.6lb. Weight 10' wire lead



Retains Register



1/2" Conduit Fitting



Bayonet Mount for T-10, HP  
Turbine, Compound, Protectus



Security Seal

RIO Tronics Corp  
 6841 S Yosemite, 3C  
 Centennial, CO 80112  
[www.riotronics.com](http://www.riotronics.com) 303 773 2600

### Resolution Values for NT10-4P-CF-I

| Meter Size  | Gallons/Pulse | Pulses/Gallon | Max Rated Gal./Min | Pulses/Sec at Max |
|-------------|---------------|---------------|--------------------|-------------------|
| <b>T-10</b> |               |               |                    |                   |
| 5/8"        | .004324       | 231.24        | 20                 | 77                |
| 3/4"        | .007749       | 129.04        | 30                 | 65                |
| 1"          | .016578       | 60.32         | 50                 | 50                |
| 1 1/2"      | .03699        | 27.03         | 100                | 45                |
| 2"          | .06702        | 14.92         | 160                | 40                |

### TRU/FLO-"TT"

|    |         |        |      |   |
|----|---------|--------|------|---|
| 2" | 1.6407  | 0.6095 | 200  | 2 |
| 3" | 3.4602  | 0.2890 | 450  | 2 |
| 4" | 6.2893  | 0.1590 | 1000 | 3 |
| 6" | 21.5517 | 0.0464 | 2000 | 2 |

### HP Turbine

|        |        |          |       |    |
|--------|--------|----------|-------|----|
| 1 1/2" | 1.4473 | 0.69095  | 160   | 2  |
| 2"     | 1.6407 | 0.6095   | 200   | 2  |
| 3"     | 0.8928 | 1.120    | 450   | 9  |
| 4"     | 1.3235 | 0.7556   | 1200  | 15 |
| 6"     | 13.749 | 0.07273  | 3000  | 4  |
| 8"     | 13.235 | 0.07556  | 4000  | 5  |
| 10"    | 13.235 | 0.07556  | 6500  | 9  |
| 12"    | 13.235 | 0.07556  | 8000  | 10 |
| 16"    | 132.35 | 0.007556 | 13500 | 2  |
| 20"    | 132.35 | 0.007556 | 22000 | 3  |

### Electrical Specifications:

**Supply Voltage DC** 3.0 – 150 volts

**Maximum switching current D.C.:** 0.5 amps

**Maximum switching watts D.C.:** 10 watts

**Minimum voltage breakdown D.C.:** 220 volts

**Contact resistance:** 180 mohms

**Open circuit resistance:** > 100,000,000 ohms **Operation Timing:** 0.6ms

**Temperature Range** -40 – 85 C

