

# In-line Fluorometer

## In-Line Fluorometer for Cooling Tower Controllers



The **Little Dipper** is an accurate, single-channel, light industrial fluorometer which installs directly into industrial process streams. It provides a 4 - 20 mA signal output proportional to the concentration of the fluorophore being measured. The Little Dipper is a rugged, 24/7 sampling device that provides maximum performance, minimal maintenance, and solid state reliability. It can be used with data collection systems to monitor and control the level of treatment chemicals for Cooling Tower applications.

### Features & Benefits

- Simple calibration with ProMinent controllers
- Solid state fluorometer uses LED photodiode Technology (no moving parts)
- Supplied with pre-wired isolator

### Physical Specifications

<b>Material:</b>	PVC-Type 1, machined plastic
<b>Weight:</b>	3.35 ounces
<b>Length:</b>	5.92 inches
<b>Housing Diameter:</b>	1.05 inches
<b>Diameter at Male Fitting:</b>	1.54 inches

### Electrical Specifications

<b>Power Draw:</b>	0.96 W @ 12 VDC (1.2 W Max.)
<b>Input Voltage:</b>	8-30 VDC
<b>Signal Output:</b>	4-20 mA
<b>Warm up time:</b>	5 Seconds

### Ordering Information:

- Little dipper Sensor w/ Wiring Diagram ..... p/n 7500727
- 100 ppb PTSA Standard 16oz bottle..... p/n 7500725
- Calibration Cell for Little Dipper ..... p/n 1048823