



**DropletSens™**  
**Phosphate Probe Specifications**

- Based on established Molybdenum Blue test
- Dissolved (ortho-)phosphate determined autonomously
  - Fully quantitative
- On-device standard for performance QC



**Maintenance**

- Reagent change after 3 months if in continuous use
- Required inlet filter change frequency depends on application; typically 3 months for environmental applications (turbidity ≤250 NTU)

**Analytical**

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Range                 | 0 - 8 mg/L PO <sub>4</sub> -P                             |
| Detection Limit       | 0.01 mg/L PO <sub>4</sub> -P                              |
| Measurement Frequency | up to every 10 seconds<br>default setting is every 15 min |

**Operational**

|                                             |           |
|---------------------------------------------|-----------|
| Temperature range                           | 0 - 35 °C |
| Maximum deployment depth                    | 1 m       |
| Power consumption*                          | 1.5 W     |
| * for continuous use measuring every 15 min |           |

**Physical**

|          |        |
|----------|--------|
| Height   | 400 mm |
| Diameter | 150 mm |
| Weight   | 8.2 kg |

**Communications**

|              |                                                    |
|--------------|----------------------------------------------------|
| Connectivity | RS232/RS485, Modbus, Bluetooth<br>SCADA compatible |
| Data output  | Remote streaming                                   |