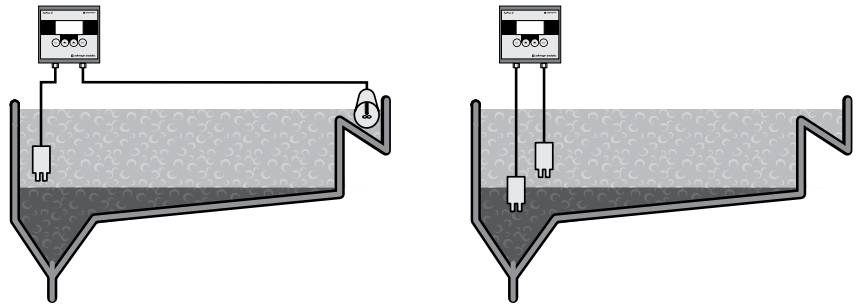


# Primary clarifier monitoring with TxPro™ -2

application note



The TxPro-2 Transmitter, with a 4-Beam™ RD-240 Suspended Solids Sensor, can be used as a high blanket level alarm in a primary clarifier (left). Using the same transmitter and a WP-260 Turbidity Sensor, you can also monitor the effluent. Two RD-240 Sensors (right), can be used for fixed point blanket level control.

## TxPro-2 Transmitter

- Multi-point calibration
- Two separate sensor channels for measurement at more than one location of more than one measuring point
- Two scalable 0/4–20 mA dual-range outputs, galvanically isolated from controller; three user-configurable relays; one purge timer relay; high resolution display
- Complies with CE, UL and CSA requirements
- NEMA 4X (≈ IP66) enclosure
- Panel, wall or pipe mounting is standard with unique universal mounting bracket

## Options

- Handrail mounting bracket assembly, quick-release; 713-1119

## WP-260 Sensor

- RS485 serial communication to TxPro-2
- PVC sensor tip with quartz glass windows; CPVC body with 1-1/4" NPT male threads
- Programmable wiper with a Neoprene® blade and 316 SS shaft
- Polyurethane cable; standard length 10 m (33 ft)

## RD-240 Sensor

- RS485 serial communication to TxPro-2
- CPVC (chlorinated polyvinyl chloride) body with 1-1/4" NPT male threads
- Polypropylene measuring fingers with 880 nm IRLED's and silicon photodetectors
- Polypropylene purge tubing (1/4") with reusable polypropylene fittings
- Polyurethane cable; standard length 10 m (33 ft)

**Ordering Information**

System	Voltage	Sensor	Cable Length	Part Number
TxPro-2	90-265 VAC	WP-260 immersion (1 per system) RD-240 immersion (1 per system)	10 m (33 ft)	6200-2500
TxPro-2	90-265 VAC	RD-240 immersion (1 per system)	10 m (33 ft)	6101-2400
TxPro-2	90-265 VAC	RD-240 immersion (2 per system)	10 m (33 ft)	6201-2400

*This publication is not intended to form the basis of a contract. The company reserves the right to change design and specification of its products without notice.*

<b>INTERNATIONAL H.Q.</b>	<b>U.S. H.Q.</b>
Zellweger Analytics SA 33 rue du Ballon 93165 Noisy-le-Grand Cedex France Tel: (33) 1 48 15 80 80 Fax: (33) 1 48 15 80 00	Zellweger Analytics, Inc. 100 Park Avenue League City, Texas USA 77573 Tel: (281) 332 2484 Fax: (281) 554 6795

**Additional information**

**Ordering**

For additional ordering information, see the *TxPro-2 Suspended Solids Products* or *TxPro-2 Turbidity Products* section of the price list.

**Specifications**


For additional product specifications, see these data sheets:

- *TxPro-2 Transmitter (for suspended solids and turbidity sensors)*
- *Series 200 WP Turbidity Sensors*
- *Series 200 RD Suspended Solids Sensors*

**Installation**

For additional information on installing your system, see the *TxPro-2 User Manual*

9941.18a © 1/1998 Zellweger Analytics, Inc. ® TxPro is a trademark of Zellweger Analytics, Inc.  
 © Neoprene is a registered trademark of E.I. duPont de Nemours & Co.

**Monitoring and Treatment**  
  
**Systems for Industry.**  
**Process Technology**

pmlprocess.com  
 Tel: (905) 206-9514 Fax: (905) 282-9903

Zellweger Analytics, Inc. • ISO 9002 • Certificate No. A6797



A company of the Zellweger Luwa Group