



MODEL WL-430

SUBMERSIBLE WASTEWATER LEVEL SENSOR



Robust and reliable wastewater level sensor, perfect for sewage lift stations and severe, high solids environments

The **WL-430** “steel cage” design offers the highest reliability in measuring water level under severe conditions in sewage tanks, lift stations, storm canals, wet wells, and slurry tanks.

Equipped with NASA standard electrical surge requirements the WL-430 can withstand heavy storm and lightning strikes and can continue to sense water level no matter the debris/mud/sand or rags build up.



Flush clog-free sensor



Vented cable for automatic barometric compensation with double-sealed exit



Enhanced internal surge and lightning protection



Corrosion resistant



a **xylem** brand

MODEL WL-430 SUBMERSIBLE WASTEWATER LEVEL SENSOR



Monitor water level in tanks and weirs in wastewater treatment facilities.



Ideal for high sludge and solid environments

WL-430 Specifications

| | |
|------------------------|--|
| Supply Voltage | 8-38 Vdc |
| Output | 4-20 mAdc |
| Resolution | Infinite ($\pm 0.001\%$ FSO usable) |
| Response Time | < 5 mS |
| Warm-Up | < 10 mS |
| Lightning Protected | MOV and dual gas discharge tube |
| Static Accuracy | $\pm 0.5\%$ FSO (BFSL, RSS) |
| Repeatability | $\pm 0.1\%$ FSO |
| Temperature Effects | $\pm 1.5\%$ FSO over comp range |
| Long Term Stability | $\pm 0.25\%$ FSO per year |
| Pressure Ranges | 10 psi (23 ft) or 15 psi (34 ft) |
| Proof Pressure | 2x Full Scale |
| Burst Pressure | 5x Full Scale |
| Materials | 316L SST plus cable |
| Electrical Connector | 1/2 inch-NPT Male submersible conduit fitting with 40 ft of polyurethane cable |
| Dimensions | 6 inch long x 3 inch diameter |
| Weight | Nominal 20 oz |
| Compensated Temp Range | 20 to 170°F |
| Operating Temp Range | 0 to 200°F |

SPECIFICATIONS XA00199

YSI, a Xylem brand
1725 Brannum Lane
Yellow Springs, OH 45387

+1.937.767.7241
info@ysi.com
YSI.com



Proven. Reliable. Trusted.



[YSI.com/WL430](https://www.ysi.com/WL430)