

## 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 mater the debris/mud/sand or rags build up.



Flush clog-free sensor



Vented cable for automatic barometric compensation with double-sealed exit



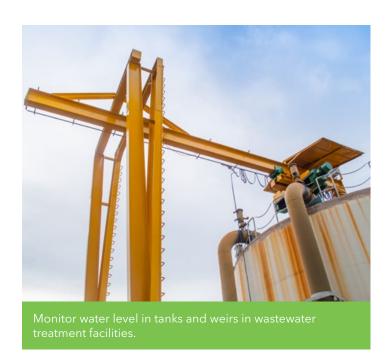
Enhanced internal surge and lightning protection



Corrosion resistant



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WL-430 Specifica	tions
Supply Voltage	8-38 Vdc
Output	4–20 mAdc
Resolution	Infinite (±0.001% FSO usable)
Response Time	< 5 mS
Warm-Up	< 10 mS
Lightning Protected	MOV and dual gas discharge tube
Static Accuracy	± 0.5% FSO (BFSL, RSS)
Repeatability	± 0.1% FSO
Temperature Effects	± 1.5% FSO over comp range
Long Term Stability	± 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	½ 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

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