

# LevelGuard®

## Sewage-Rated Pump Switch



Z24803PTZ



## Solid-State Sewage Pump Switch

- UL-Listed
- Solid-state electronics are rated for up to 1/2 hp pump applications
- Highly resistant to effluent solids and contaminants
- Five (5) year warranty

The LevelGuard® Sewage Pump Switch from TouchSensor™ introduces Field-Effect sensor technology to reliably detect the presence of sewage or effluents without the use of any moving parts or need for direct fluid contact. In applications where effluent or sewage needs to be pumped from one location to another, LevelGuard replaces mechanical float switches used to actuate the pump. LevelGuard Sewage Pump Switches offer solid-state switch reliability for pumps through which solids of up to 2 inches in diameter are pumped.

LevelGuard Sewage Pump Switches are ideal for retrofit, maintenance, repair and overhaul jobs where lack of

space may present obstacles for other switch types.

With an increasing emphasis on water conservation and efficiency, homeowners and businesses can rely on LevelGuard. Our sewage grade pump controls are Underwriters Laboratories listed and carry a 5 year manufacturers warranty.

Please visit

[www.LevelGuardProducts.com/pump/](http://www.LevelGuardProducts.com/pump/)

to learn more.

Presented by:



# LevelGuard<sup>®</sup>

## Sewage-Rated Pump Switch

### The First Switch That Will Outlast the Pump™

Solid-state electronic SEWAGE / EFFLUENT pump switch.

- Detects water and switches sewage & ejector pumps on and off
- NO MOVING PARTS to wear or get stuck
- Outlasts mechanical float switches 7 to 1
- PIGGY BACK PLUG connection for quick installation
- Resistant to contaminant build up
- Rated for 12 Amp pump motors
- FIVE (5) YEAR WARRANTY



Learn more at:

[LevelGuardProducts.com/pump/](http://LevelGuardProducts.com/pump/)

General specifications							
Part Number	Cord length	Cord Type	Plug Type	Product Dimensions	Shipping Dimensions	Product Weight	Shipping Weight
<b>Z24803PTZ</b>	<b>15 feet</b>	<b>SJOW/14 gauge</b>	<b>Piggyback</b>	<b>2.4" x 1.1" x 10.1"</b>	<b>5" x 7.5" x 12.6"</b>	<b>2.5 lbs</b>	<b>2.8 lbs</b>

Technical specifications		Performance specifications (Z24803PTZ)	
<b>Power specifications</b>		<b>Fluid control range</b>	
AC input	120v, 60 Hz (single phase)	Minimum differential	6.0 inches (150 mm)
Load rating	<ul style="list-style-type: none"> <li>• 12 A general purpose, 120 VAC</li> <li>• 1/2 hp (9.8) FLA, 58.8 LRA, 120 VAC</li> <li>• 72 VA pilot duty, 120 VAC</li> </ul>	Effective differential	8" to 10" (200 mm to 254 mm)
<b>Fused Protection</b>		<b>Operating temperature ranges</b>	
Fused Protection	30 Amps	Ambient	32° to 122°F (0° to 50°C)
Operating Current	1.3 milliamps	Liquid	32° to 122°F (0° to 50°C)
<b>Mounting options</b>		Storage	-40° to 185°F (-40° to 85°C)
Stainless steel clamps	2 each	<b>Housing</b>	
Polypropylene straps	2 each	Material	SPS Plastic
<b>Agency Certifications</b>		<b>Designations</b>	
UL listed (U.S. & Can)	File #E332036	LevelGuard Sewage Pump Switches are designated for use in residential, commercial and industrial plumbing applications.	
<b>Patents</b>		<b>Media types</b>	
Field-Effect Sensor/ LevelGuard	U.S. Patent Nos. 5594222, 6310611, 6320282, 7373817	Aqueous solutions, effluent, ground water, sewage, and wastewater	