



# Flygt Ultra-Reliable Level Sensing and Control

**FLYGT**  
a xylem brand

# The Probe... Dip it. Set it. Leave it.

## Why is it easier to install than other level devices?

All you do is hang the Probe on its own cable into your wet well, using the bracket we supply. Installation is simple - any one of your technicians could do it in an hour or so. What's more, you install the Probe relatively low down in the wet well, so compared to ball floats it allows the well to be cleaned out more thoroughly. That means less debris build-up, odors and pump clogs.



## MTISB Intrinsically Safe Barrier

The MTISB is used between Probes and control equipment. It eliminates the risk of dangerous energy entering the potentially explosive environment where the Probe is located. 5-channel (MTISB5) and 10-channel (MTISB10) barriers available.



Flygt's Probe is the most reliable and cost-effective level sensor available in the water and wastewater industry today.

- 10+ year lifetime
- Cost effective and virtually maintenance free
- Very low and reliable pump cut-out
- Unaffected by build up (fat, grease, sludge and foam)
- Reduces maintenance cost
- Intrinsically safe when installed with MTISB barrier
- Eliminates false readings
- Simple to install and maintain
- Cuts the risk of spills
- UL, ULC, CTick and CE approved

## Why is it so reliable?

There are no electronics and no moving parts - which results in a long lifetime. That's why it gets a 10-year warranty!



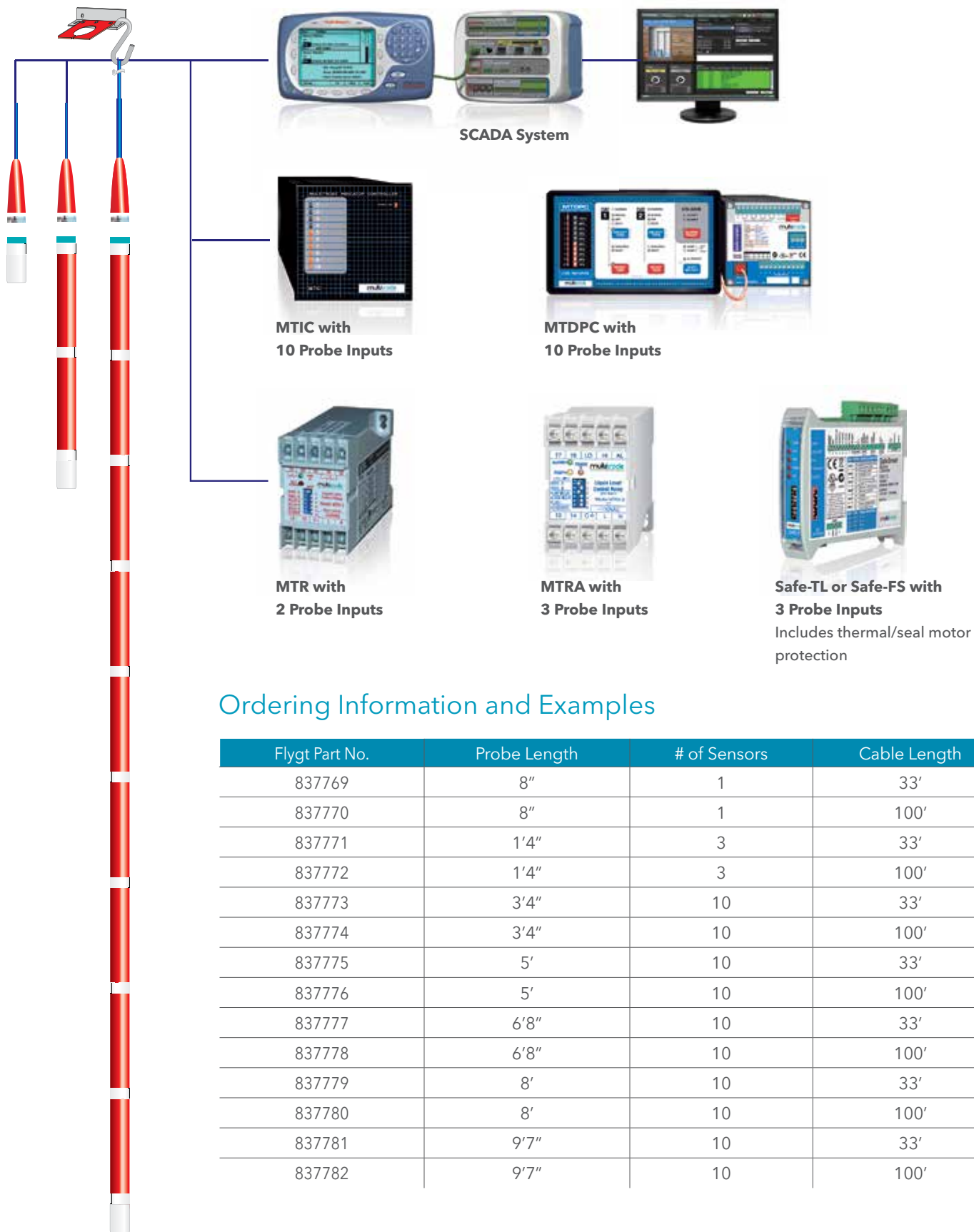
**How would your Ultrasonic hold up to this application? The Probe is unaffected by fat, foam, grease and sludge.**

## How does it work?

The Probe works by using the conductive properties of the water itself to complete a circuit with a controller. It's mounted near the inflow, allowing the turbulence to keep it clean. Even if a build-up does occur it's usually conductive (in wastewater) and so the Probe keeps right on working.

If cleaning is required the Probe is simply pulled through a squeegee that is part of the mounting bracket.

# The Probe Connects To:



## Ordering Information and Examples

Flygt Part No.	Probe Length	# of Sensors	Cable Length
837769	8"	1	33'
837770	8"	1	100'
837771	1'4"	3	33'
837772	1'4"	3	100'
837773	3'4"	10	33'
837774	3'4"	10	100'
837775	5'	10	33'
837776	5'	10	100'
837777	6'8"	10	33'
837778	6'8"	10	100'
837779	8'	10	33'
837780	8'	10	100'
837781	9'7"	10	33'
837782	9'7"	10	100'

# Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to [www.xylem.com](http://www.xylem.com)

