

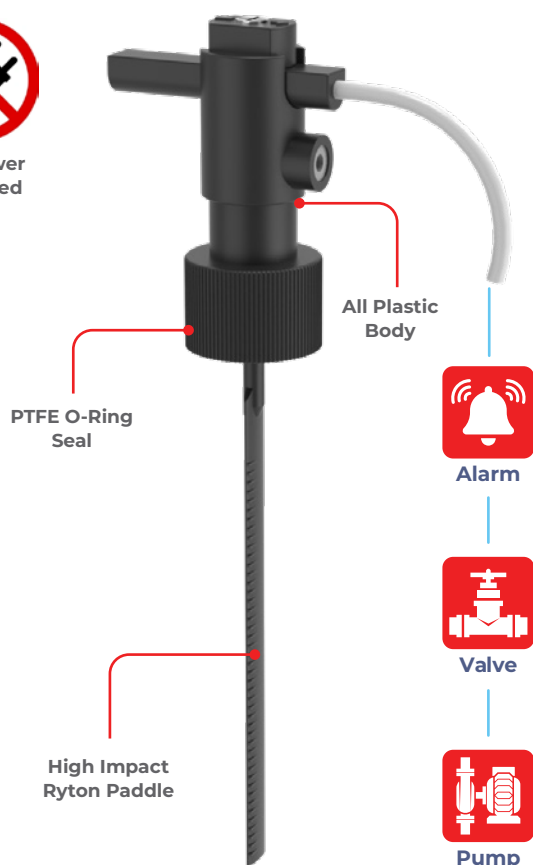
Truflo® — UFS SERIES

Plastic Flow Switch

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment



No Power
Required



- ✓ No Power Required
- ✓ NEMA 4X Enclosure
- ✓ Simple Installation Process
- ✓ Corrosion Resistant Ryton Paddle



The heavy duty **Truflo® UFS Series flow switch** is easy to install and offers excellent chemical resistance and reliability. The UFS Series is available with a normally open or normally closed reed switch contact. The nominal switching point is determined by the length of the paddle.

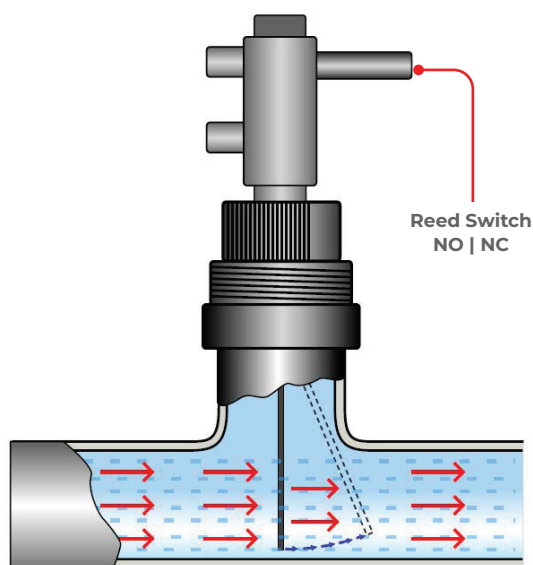
During installation, the paddle is typically cut at a mark based upon the pipe diameter, equating to the highest possible switch sensitivity and lowest switching point. Installation is easy; simply insert the UFS Flow Switch into an appropriately sized Tee fitting, and it's complete!

One Universal Length

- ✓ Simple to Install
- ✓ ½ - 16" Pipe Sizes
- ✓ Trim to Desired Length
- ✓ Process can be done easily in the field



Pump Protection



- ✓ Prevent Pumps from Running Dry
- ✓ Ensures there are No Clogs
- ✓ Output to Alarm | Shut Off Pump

Simple Relay Switch | NO | NC



Easily Change from NO to NC

- ✓ Pull-Out Relay and Rotate 180°
- ✓ Insert Relay back into Position and Tighten the Screw

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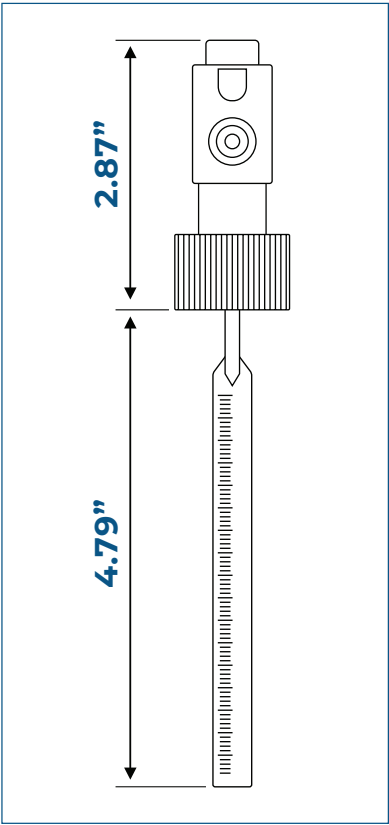
Plastic Flow Switch

Specifications

Paddle Material	Ryton
O-Ring	PTFE Teflon®
Max. Working Temperature	190°F 88°C
Max. Working Pressure Non-Shock	145 psi 10 bar
Max. Contact Current	1.5A
Max. Switching Voltage	85 VDC 250 VAC
Relay	NO NC Adjustable
Protection Class	IP 65 NEMA 4X
Viscosity Range	0.5 - 20 cSt
Cable*	3ft 1m*

*Consult Factory for Other Cable Lengths

Dimensions



Flow Velocity | Switch Points

PVC and CPVC Pipes - Schedule 40		PVC and CPVC Pipes - Schedule 80	
Normal Pipe Size (Inches)	Approximate Switching Point (GPM)	Normal Pipe Size (Inches)	Approximate Switching Point (GPM)
1/2	1.9	1/2	1.5
3/4	3.3	3/4	2.7
1	5.4	1	4.5
1-1/4	9.3	1-1/4	8.0
1-1/2	12.7	1-1/2	16.0
2	21.0	2	18.4
2-1/2	30.0	2-1/2	21.4
3	46.0	3	41.0
4	79.0	4	72.0
5	124.0	5	113
6	180.0	6	162
8	312.0	8	385
10	492.0	10	448
12	697.0	12	634.0
14	843.0	14	765.0
16	1100.0	16	1003.0

Model Selection

UFS — All Plastic Flow Switch		
Size	Part Number	Material
1/2" - 16"	UFS-N	Ryton®