

UNIVERSAL PLASTIC FLOW SWITCH

All Plastic Construction ½" - 16"

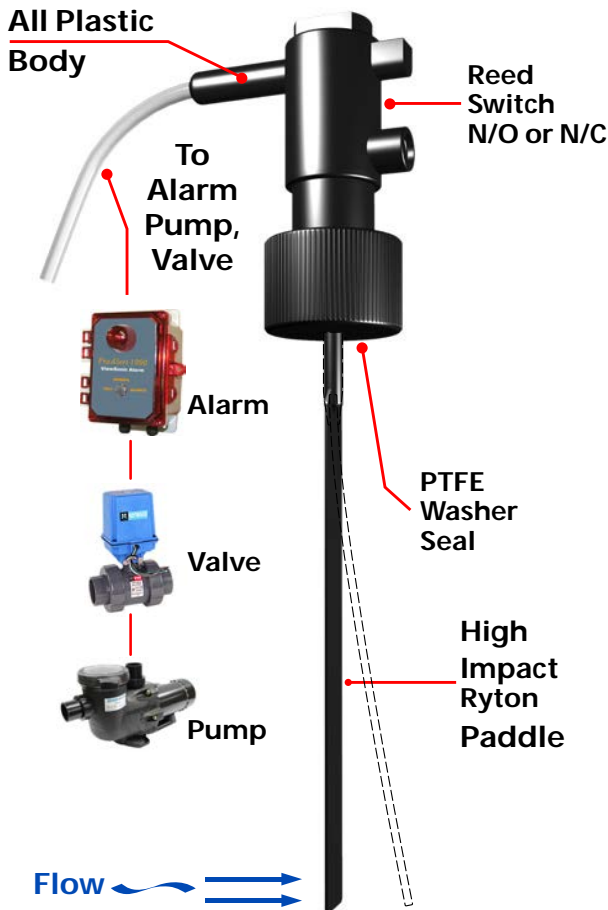
Perfect for Pump Protection

Features

- Excellent Chemical Resistance,
- Size Range ½" - 16"
- Easy to Install
- Excellent for Low Or High Temperatures
-25 To 90°C (-4 to 194°F)
- Excellent Mechanical Properties
- High Pressure Rating (Up To 200 Psi)
- High Wear Resistance
- Heavy Duty Design
- No Power Required
- 3/4" x Spigot PVC Adapter Fitting Included

General Data

SPECIFICATION	DESCRIPTION
Pipe size	½" to 16"
Sensor Body Paddle	RYTON
Electrical Connection	2 Wire
Viscosity Range	0.5 to 20 Centi Stoke (cst)
Maximum Particle Size	<10% with Particle Size (<0.5mm cross section or length) Recommend Strainer If Larger
Maximum Operating Pressure/Temperature	200 psi @ -30 to 100°C
Cable	3 FT (1m)
Max. Switch Current	1 Amp



Size Range ½" - 26" Full Pipe



Universal - Trim to Desired Length
Can be done Easily in the Field
Simple to Install



Tee Fittings or Saddles
Excellent Chemical Resistance
Virtually No Pressure Drop



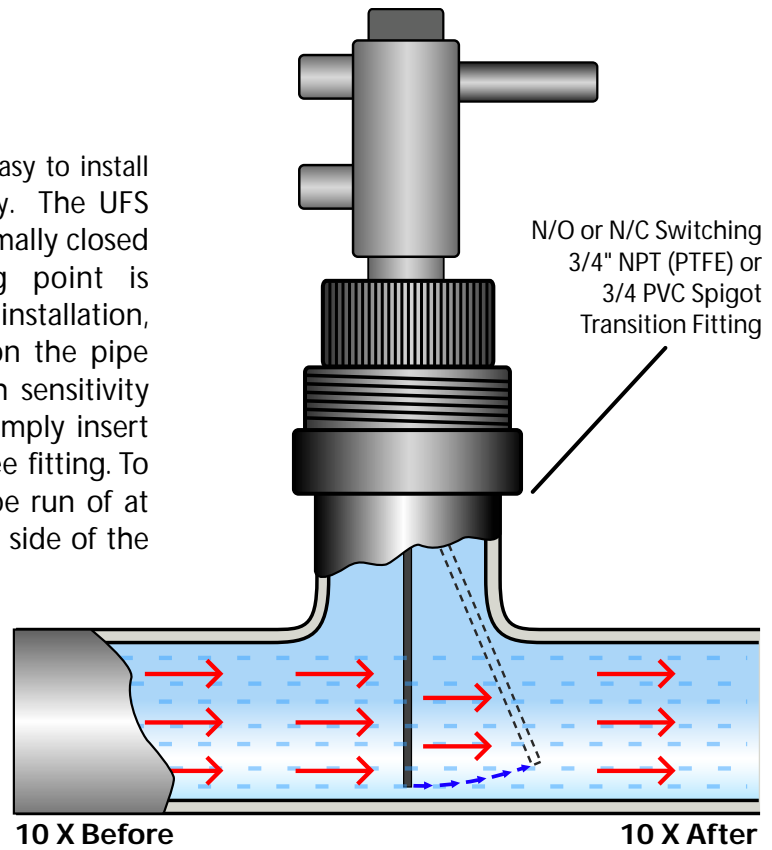
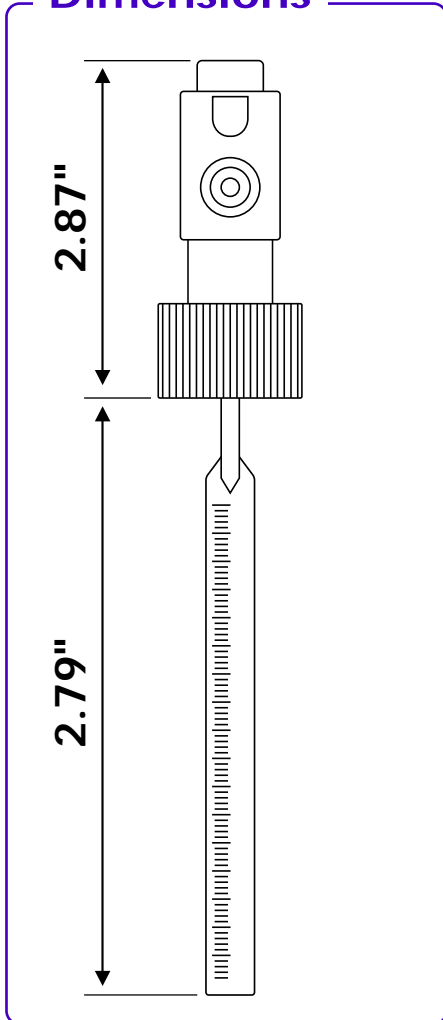
Excellent For Corrosive Environments
Flow > No Flow Notification
Perfect For Pump Protection

Flow - No Flow

Description

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 either a normally open 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. To help minimize turbulence, allow for a straight pipe run of at Minimum of 10 times the pipe diameter on either side of the Tee or Saddle Fitting.

Dimensions



Perfect for Pump Protection

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

Full Pipe

All Plastic Construction 1/2" - 16"