- **All Plastic Construction**
- **Perfect for Pump Protection**
- **Flow | No | Low Flow Notification**

Ryton

RoHS Compliant CE

SERIES : UFS
CONNECTION : ¾" NPT
Seal : PTFE

All Plastic Body

To Alarm, Pump, Valve

Reed Switch N/O | N/C

PTFE Washer Seal

Alarm

Valve

High Impact Ryton Paddle

Pump
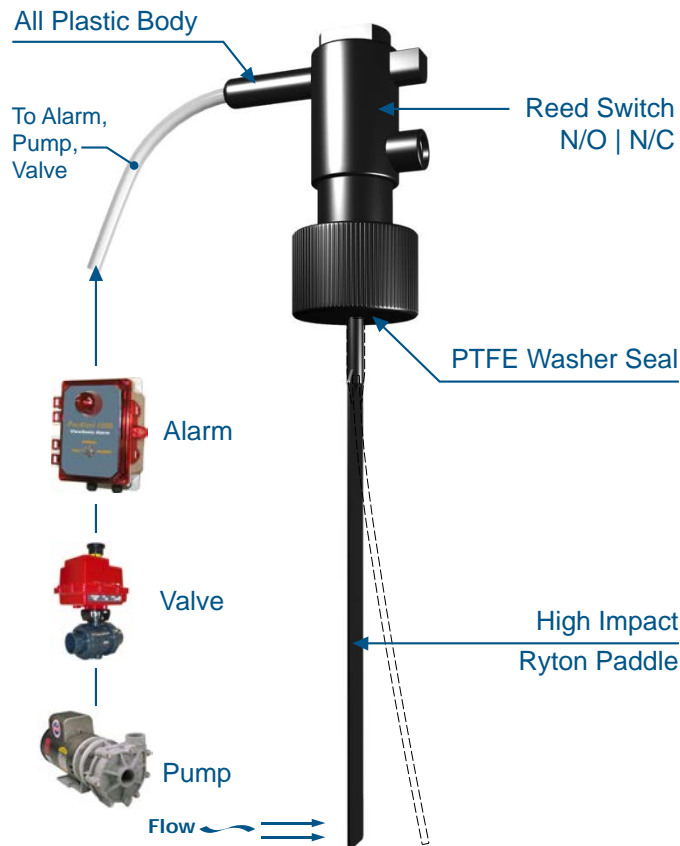
Flow

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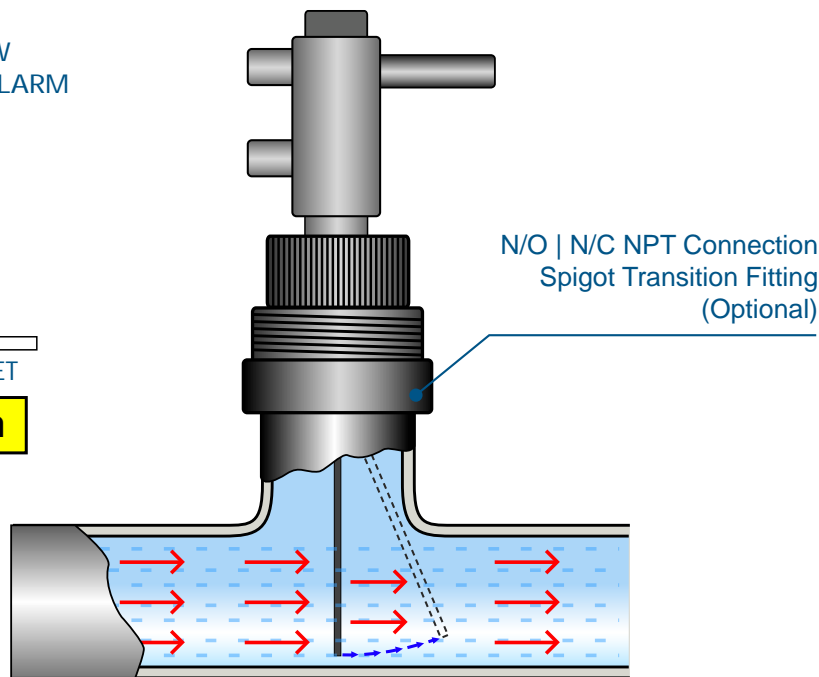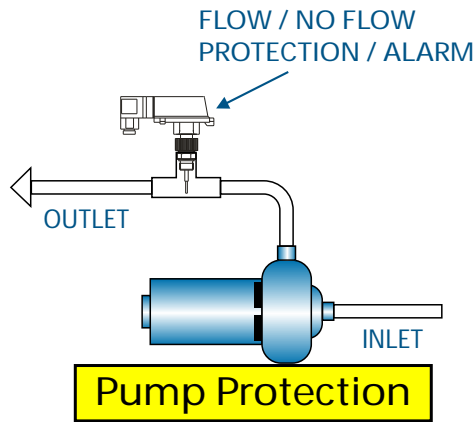
Universal - Trim to Desired Length Can be done Easily in the Field Simple to Install

FEATURES

- Excellent Chemical Resistance
- Size Range | 1"- 16"
- Easy to Install | Simply mount switch into Plastic Tee Fitting
- Excellent Mechanical Properties
- High Pressure Rating | Up To 150 psi
- High Wear Resistance
- Heavy Duty Design
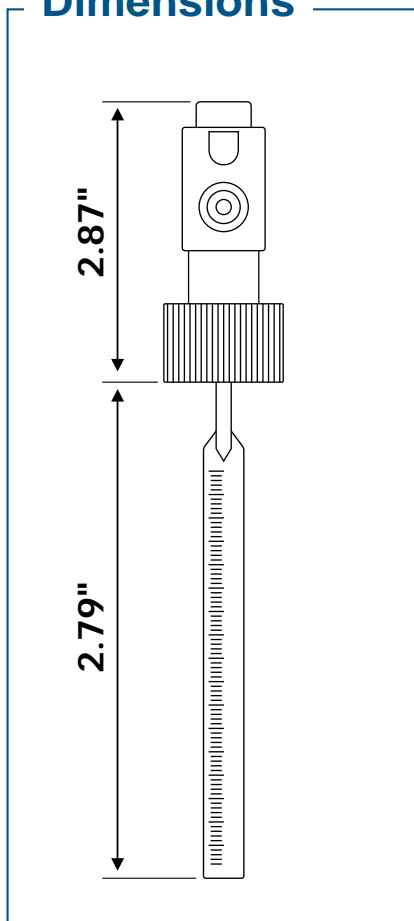- No Power Required
- ¾" Spigot PVC Adapter Fitting (Optional)

SPECIFICATIONS

Pipe size	1" - 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	150 psi @ -30 to 100°C
Cable	3 ft (Std) * Longer Lengths Available
Max. Power	1 Amp

FLOW / NO FLOW
PROTECTION / ALARM

OUTLET

INLET

Pump Protection

N/O | N/C NPT Connection
Spigot Transition Fitting
(Optional)

Perfect for Pump Protection

Dimensions

2.87"

2.79"

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)
½	1.9	½	1.5
¾	3.3	¾	2.7
1	5.4	1	4.5
1-¼	9.3	1-¼	8.0
1-½	12.7	1-½	16.0
2	21.0	2	18.4
2-½	30.0	2-½	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