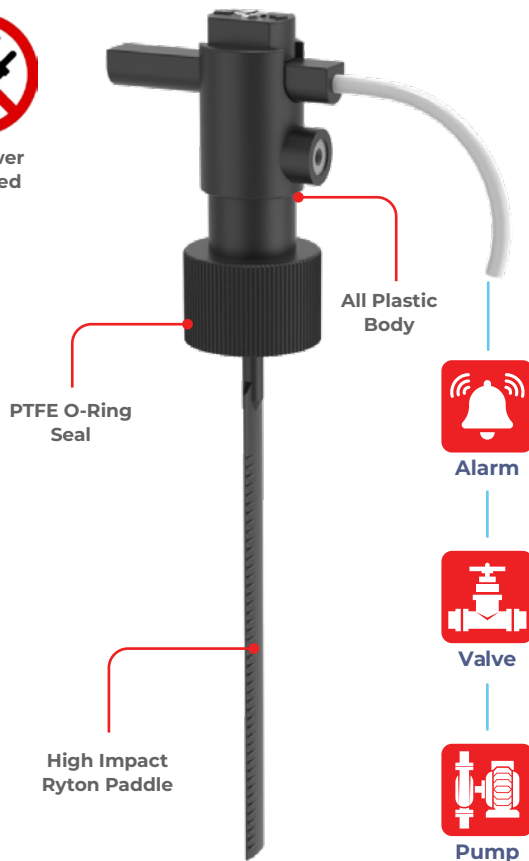


Truflo® — UFS SERIES

Plastic Flow Switch



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.

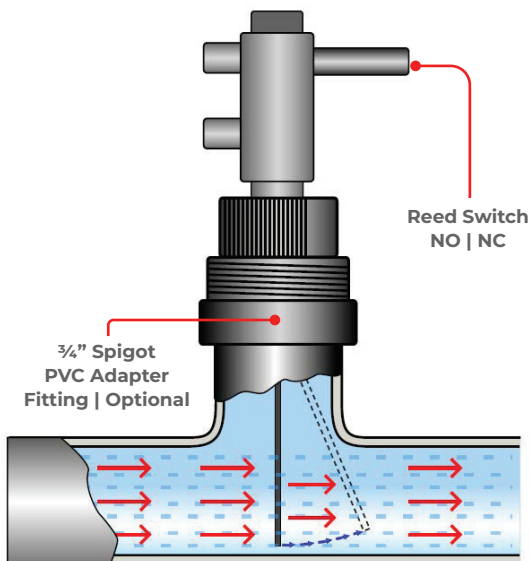
During installation, the paddle is typically cut at a mark based upon the pipe diameter, equating to the highest possible switch sensitivity and lowest switching point. Installation is easy; simply insert the UFS Flow Switch into an appropriately sized Tee fitting, and it's complete!

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

Truflo® — UFS SERIES

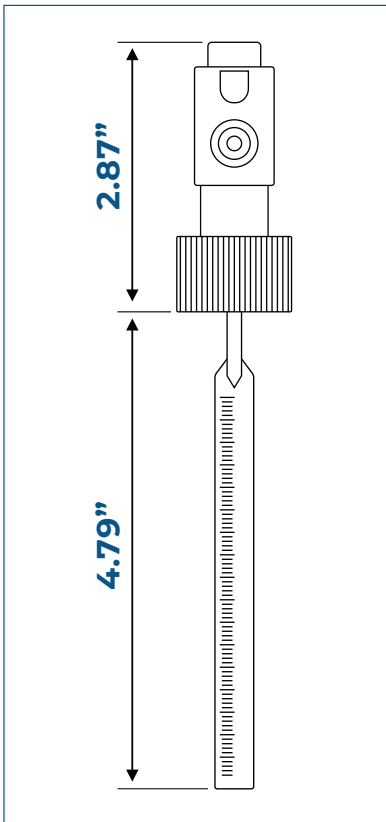
Plastic Flow Switch

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® |