

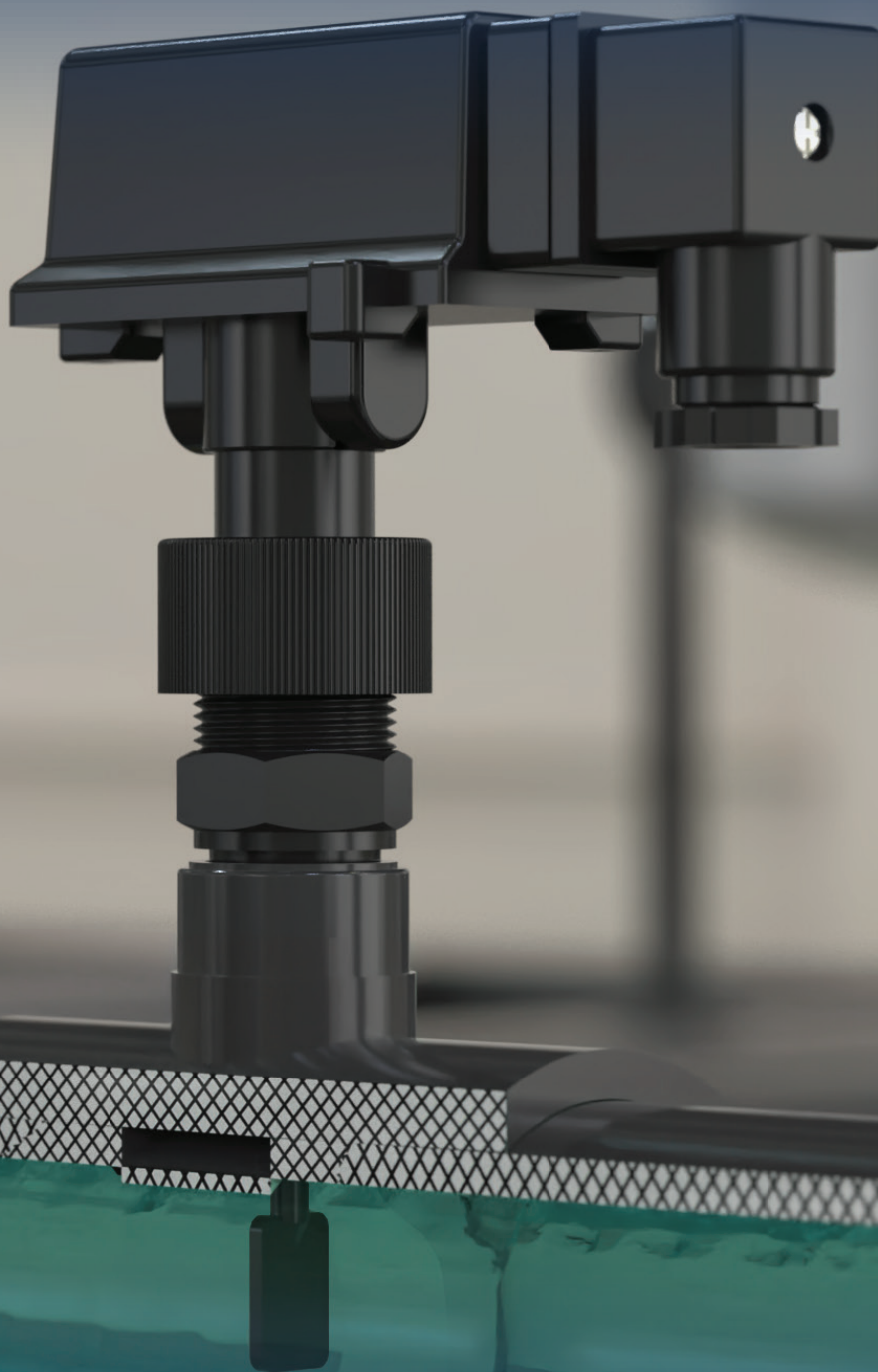
Truflo® — FES Series Plastic Flow Switch

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™

truflo®



RoHS
Compliant



Flow Under Control with **FES**

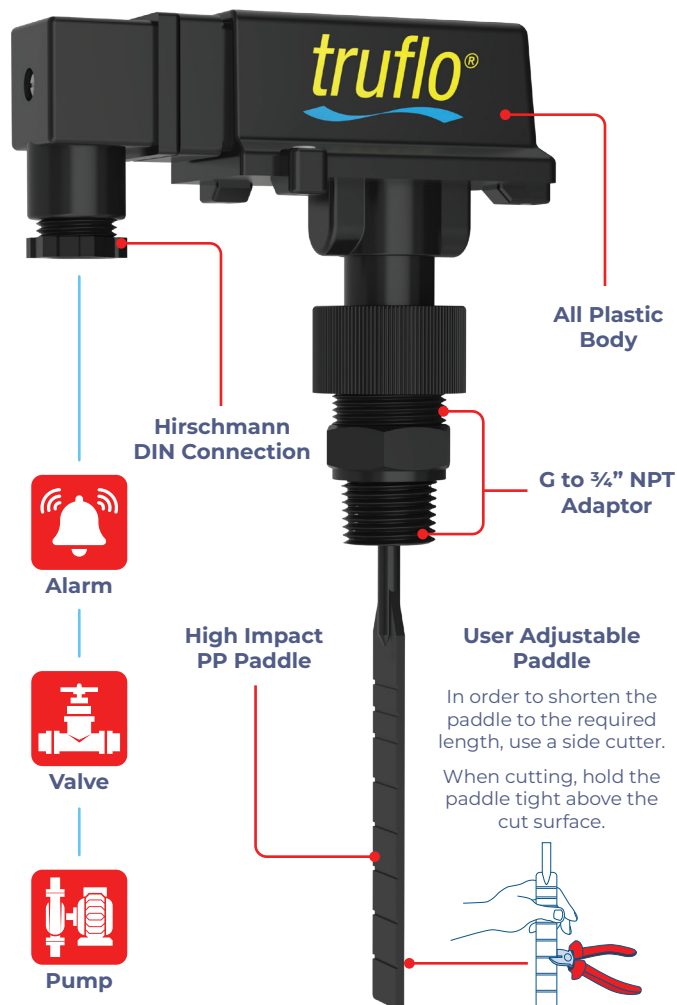
Truflor® — FES Series

Plastic Flow Switch

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™

- ✓ Excellent Pump Protection
- ✓ Hirschmann DIN Connection | Wire at Sensor
- ✓ Low Flow Switch Points

- ✓ Corrosion Resistant PP Body | Paddle
- ✓ ½ - 12" Pipe Sizes
- ✓ IP65 | NEMA 4X Enclosure
- ✓ Simple Installation Process
- ✓ Easily Changed from NO to NC



Protect your equipment

The Truflor® FES Series Flow Switch is designed to detect liquid flow or low/no flow.

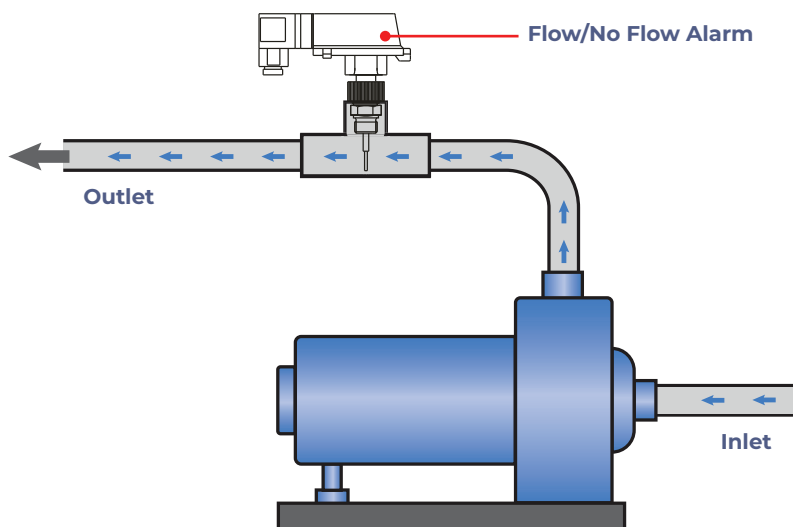
The FES switch encompasses a SPST contact that can be wired to energize a device when liquid flow either exceeds or drops below the set flow rate.

The FES Series is an excellent choice for corrosive liquid services, water treatment, waste treatment, liquid pumping and process control systems.

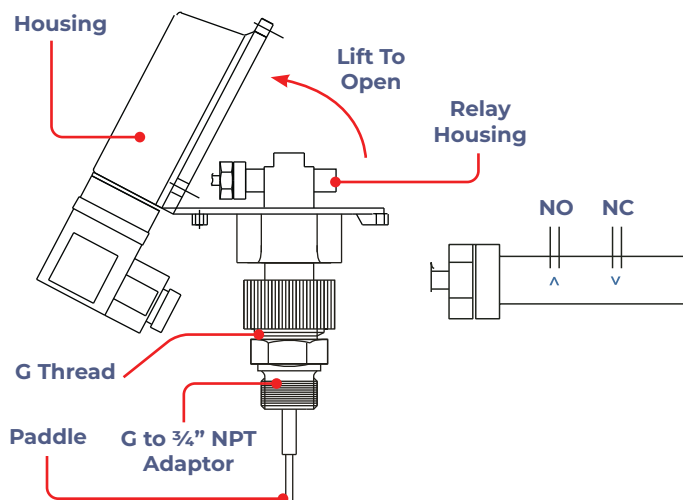
The FES Flow Switch can control devices such as pumps, motorized valves and alarm devices.

Example

- ✓ Prevent Pumps from Running Dry
- ✓ Notification for Filter | Strainer Change-Out
- ✓ Output to Alarm | Shut Off Pump



Simple Relay Switch | NO | NC

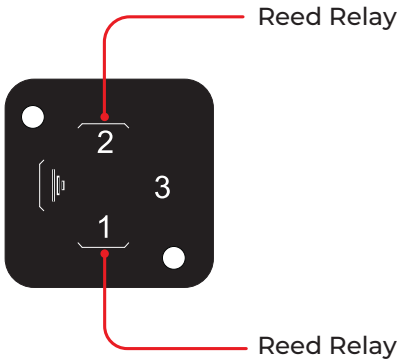


Specifications

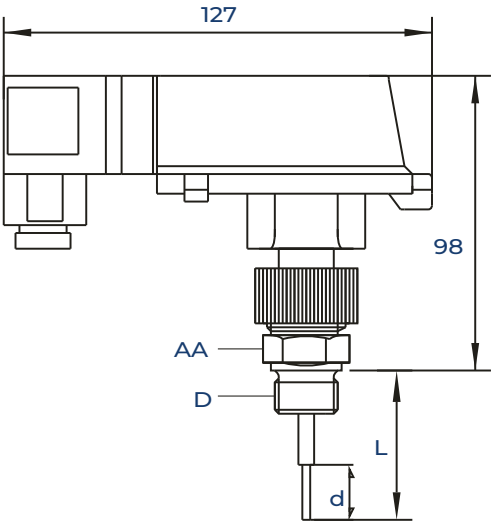
Body Material	PP
O-Ring	Viton
Max. Working Temperature	-4 ~ 158°F
Max. Working Pressure Non-Shock	145 psi 10 bar
Contact Current	1 A
Max. Switching Voltage	200 VDC 140 VAC
Max. Contact Power	10W/VA
Relay	SPST Reed Switch NO NC Adjustable
Protection Class	IP65 NEMA 4X

Electrical Connections

DIN Connection



Dimensions



Model Selection

Pipe Size	Model	Material	Connection Size D	Max. Flow LPM, Water	Rising Flow Rate Range LPM, Water	Falling Flow Rate Range LPM, Water	AA1-AA (MM)	L (MM)	d (MM)
½- 2"	FES-005	PP	½" NPT	333	1 ~ 2	0.9 ~ 1.9	27	50	20
3"	FES-005	PP	½" NPT	500	3 ~ 6	2.9 ~ 5.5	27	60	30
4"	FES-005	PP	½" NPT	667	4.8 ~ 8	4.6 ~ 7.5	27	70	40
6"	FES-005	PP	½" NPT	1833	8 ~ 11	7.8 ~ 10	27	80	50
8"	FES-005	PP	½" NPT	2000	18 ~ 24.2	17.5 ~ 24	27	90	60

Note: FES-005 model number applies to all lengths as 8" model can be trimmed to fit smaller pipe sizes