

# Switch-Tek™ Optic Leak Detection Switch

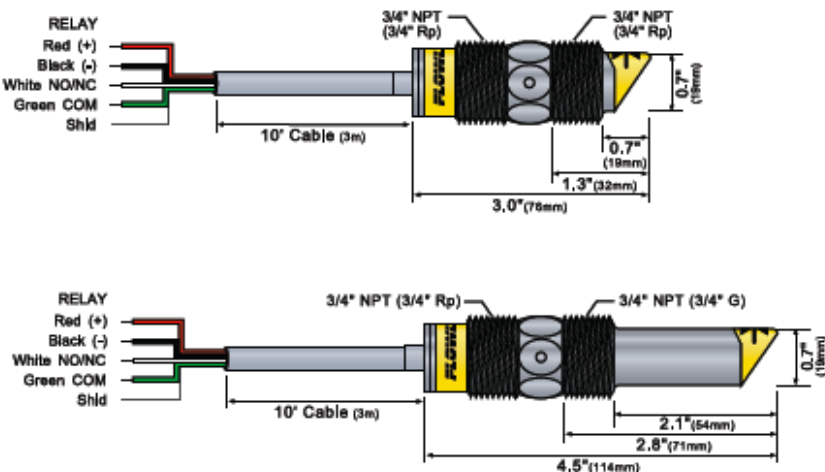
## Features & Benefits

- Fail-safe leak sensor inverts wet to alert user for maintenance
- 60VA relay selectable NO or NC via power supply wiring polarity
- PP or PFA sensor and cable rated NEMA 6 or IP68

## Switch-Tek Description

The general purpose optic switch is an excellent choice for leak detection in and around secondary containment sumps, tanks and pipes. The sensor can be applied in a broad range of chemical solutions. Media examples include ferric chloride and chlorine. The 60VA relay provides a reliable switch interface with remote devices such as a PLC, SCADA or alarm. The submersible sensor is universally mounted within the interstitial space of the vessel.

## Dimensions



## Specifications



Orientation	Universal
Accuracy	± 1 mm in water
Repeatability	± 0.5 mm in water
Supply Voltage	12-36 VDC
Consumption	25 mA maximum
Contact Type	(1) SPST relay
Contact Rating	60 VA
Contact Output	Selectable NO/NC
Process Temperature	F: -40° to 176° C: -40° to 80°
Pressure	150 psi (10 bar) @ 25° C., derated @ 1.667 psi (.113 bar) per °C. above 25° C.
Sensor Rating	NEMA 6 (IP68):PP NEMA 4X (IP65): PFA
Sensor Material	1_5:PP; 2_5: PFA
Cable Jacket Material	1_5: PP; 2_5: PFA
Cable Type	4-conductor, #22 AWG (shielded)
Cable Length	Standard: 10' (3m) Special Order: 25' (7.6m) or 50' (15.2m)
Process Mount	3/4" NPT (3/4" G/Rp)
Mounting Gasket	Viton®
Classification	General Purpose
CE Compliance	EN 61326 EMC EN 61010-1 safety

## Tech Tip

Both the sensor probe and cable jacket are constructed of the same rugged PP or PFA Teflon® material per your order. This unique packaging design is completely sealed for maximum reliability and ease of installation within your secondary containment vessel.

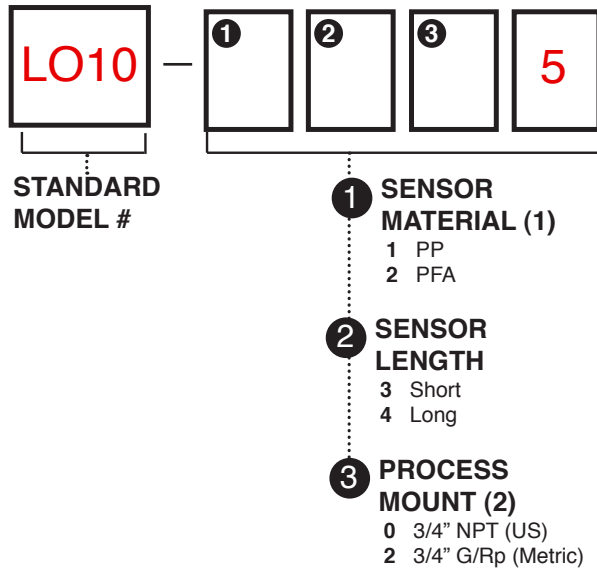
# Ordering Information

## FLO-CORP MODEL NUMBER BUILDER

For Assistance Call **330.468.0180**

Use the diagram below, working from left to right to construct your Flo-Corp Model Number. Simply match the category number to the corresponding box number.

**Example: LO10-1301** Switch-Tek Optic Leak Detection Switch, PP Sensor Material, Short Sensor Length, 3/4" NPT Process Mount



### Ordering Notes

- 1) To special order a 25' (7.6m) or 50' (15.2m) sensor cable, place the cable length at the end of the part number (ie: LO10-1305-25").
- 2) The short Metric sensor is offered with conical Rp threads on both sides of the wrench flat. The long Metric sensor is offered with straight G threads on the sensing side and conical Rp threads on the cable side of the wrench flat.

*Specifications are subject to change without notice.*