

Level Switches



[EchoSwitch Multi-Point Ultrasonic Level Switch](#)



Description	Specification
EchoSwitch provides non-contact level detection up to 26' (8m) with 3 relays for advanced pump, valve and alarm automation functions. Perfect for day tank, process vessel and waste sump applications, EchoSwitch is the ideal float switch replacement. Its non-contact level automation made simple.	Range: 2" to 26.2' (5cm to 8m) Switch points: 6 (field adjustable) Contact type: (3) SPDT relays Process mount: 1" / 2" NPT (1" / 2" G)

[Smart Trak with Compact Relay Controller](#)



Description	Specification
Smart Trak provides tank automatic filling or emptying between two adjustable level switch points. Offered in three sensor technologies, Smart Trak is selected for day tank, waste sump and process vessel applications. Its compact level automation made simple.	Length: 8" to 10' (20cm to 3m) Switch points: 2 (field adjustable) Contact type: (1) SPDT relay Process mount: 2" NPT (2" G)

[Smart Trak with Compact Junction Box](#)



Description	Specification
Smart Trak provides intrinsically safe multi-point level detection with one to four adjustable switch points. Offered in three sensor technologies, Smart Trak is selected for day tank, waste sump and process vessel applications. Its hazardous level detection made simple.	Length: 8" to 10' (20cm to 3m) Switch points: 1-4 (field adjustable) Contact type: SPST relay(s) Process mount: 2" NPT (2" G)

[Float-Point with Compact Junction Box](#)

Description	Specification
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Float-Point provides explosion proof multi-point level detection with one to four switch points. Constructed of rugged 316 stainless steel, Float-Point is the choice for high temperature and/or pressure applications. Its high temperature level detection made simple.

Length: 4" to 6'
(10cm to 1.8m)
Switch 1-4 (set by **points:** factory)
Contact SPDT
type: reed(s)
Process 2" NPT (2" **mount:** G)

[Switch-Pak with Compact Relay Controller](#)



Description	Specification
Switch-Pak provides a total solution for high level spill prevention with an integral relay controller and optional strobe flash alarm. Offered in three sensing technologies, Switch-Pak is perfect for storage tanks and waste sumps. Its high level spill control made simple.	Length: 6" to 10' (15cm to 3m) Switch 1 (set by points: factory) Contact SPDT relay type: Process 2" NPT (2" mount: G)

[Switch-Pak with Compact Junction Box](#)



Description	Specification
Switch-Pak is a high level spill prevention switch with relay or dry contact closure for interface with remote devices such as a PLC, SCADA or alarm. Offered in three sensing technologies, Switch-Pak is ideal for storage tanks and waste sumps. Its high level detection made simple.	Length: 8" to 10' (20cm to 3m) Switch 1 (set by points: factory) Contact SPST relay / type: SPDT reed Process 2" NPT (2" mount: G)

[Switch-Pro with Compact Relay Controller](#)



Description	Specification
Switch-Pro provides a total solution for side wall mounted high or low level switching with an integral relay controller and optional strobe flash alarm. Offered in two sensing technologies, Switch-Pro is ideal for storage tanks and process vessels. Its side wall level control made simple.	Installation: Side wall Contact (1) SPDT type: relay Enclosure IP65 rating: Process 3/4" NPT mount: (3/4" G)

[Switch-Pro with Compact Junction Box](#)



Description	Specification
Switch-Pro provides an intrinsically safe solution for side wall mounted high or low level switching with a relay for PLC, SCADA or alarm interface. Offered in two sensing technologies, Switch-Pro is ideal for storage tanks and process vessels. Its side wall level detection made simple	Installation: Side wall Contact (1) SPST type: relay Enclosure IP65 rating: Process 3/4" NPT mount: (3/4" G)

[Switch-Tek Ultrasonic Level Switch](#)

Description	Specification
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The intrinsically safe ultrasonic switch is the ultimate high or low level switch for a wide range of liquids including chemical, solvent and petroleum media. Both the submersible probe and cable are constructed of rugged PP or PFA Teflon® for maximum corrosion resistance.

Installation: Universal
Contact type: (1) SPST relay
Sensor material: PP / PFA
Process mount: 3/4" NPT (3/4" G)

[Switch-Tek Vibration Level Switch](#)



Description
 The general purpose vibration switch is the choice for wastewater applications including those with light to medium coating, scaling or foaming media. Universally mounted, the sensor automatically adjusts for coating build up and outputs a preventative maintenance alarm.

Specification
 Installation: Universal
Contact type: (1) SPST relay
Sensor material: Ryton®
Process mount: 3/4" NPT (3/4" G)

[Switch-Tek Vertical Buoyancy Level Switch](#)



Description
 The general purpose vertical buoyancy level switch is offered in PP or PVDF with a dry contact closure for PLC, SCADA or alarm interface. The baffle body dampens turbulence. The level switch is well suited for relatively clean water and non-coating or scaling chemical solutions.

Specification
 Installation: Vertical
Contact type: (1) SPDT reed
Sensor material: PP / PVDF
Process mount: 3/4" NPT (3/4" Rp)

[Switch-Tek Optic Leak Detection Switch](#)



Description
 The general purpose fail-safe optic switch is ideal for detecting leaks or spills in and around secondary containment vessels. Both the submersible probe and cable are constructed of rugged PP or PFA Teflon® for maximum corrosion resistance in harsh environments.

Specification
 Installation: Universal
Contact type: (1) SPST relay
Sensor material: PP / PFA
Process mount: 3/4" NPT (3/4" Rp)

[Switch-Tek SuperGuard Capacitance Level Switch](#)



Description
 The general purpose guard capacitance level switch is offered in PP with a relay for PLC, SCADA or alarm interface. The guard circuit rejects coating build-up. The level switch is broadly suited for water based conductive liquids with light coating or scaling characteristics.

Specification
 Installation: Universal
Contact type: (1) SPST relay
Sensor material: PP
Process mount: 3/4" NPT (3/4" G)

[Switch-Tek Non-Intrusive Capacitance Level Switch](#)



Description
 The general purpose non-intrusive capacitance level switch detects liquid through non-metallic tank walls with a relay for PLC, SCADA or alarm interface. The level switch is best suited for aqueous based corrosive or ultrapure liquids that are non-coating or scaling.

Specification
 Installation: Side wall
Contact type: (1) SPST relay
Enclosure material: PSO
Process mount: Bracket

[Switch-Tek Intrusive Capacitance Level Switch](#)



Description

The general purpose intrusive capacitance level switch is offered in PP or PFA with a relay for PLC, SCADA or alarm interface. The level switch is an excellent choice for relatively clean, water based conductive liquids with non-coating or scaling characteristics.

Specification

Installation: Universal
Contact type: (1) SPST relay
Sensor material: PP / PFA
Process mount: 3/4" NPT (3/4" G)

[Switch-Tek Vertical Float Level Switch](#)



Description

The general purpose vertical float level switch is offered in PP or PVDF with a dry contact closure for PLC, SCADA or alarm interface. The baffle body dampens turbulence. The level switch is well suited for clean water and non-coating or scaling chemical solutions.

Specification

Installation: Vertical
Contact type: (1) SPDT reed
Sensor material: PP / PVDF
Process mount: 3/4" NPT (3/4" Rp)

[Switch-Tek Mini-Float Level Switch](#)



Description

The general purpose vertical or horizontal mini-float level switches are offered in PP or PVDF with a dry contact closure for PLC, SCADA or alarm interface. The level switches are generally chosen for less critical applications with clean water or chemical solutions.

Specification

Installation: Vertical / horizontal
Contact type: (1) SPDT reed
Sensor material: PP / PVDF
Process mount: 1/8" NPT / 1/2" NPT

[Switch-Tek High-Temp Float Level Switch](#)



Description

The general purpose vertical or horizontal high-temp float level switches are offered in 316 stainless with a dry contact closure for PLC, SCADA or alarm interface. The level switches are selected for high temperature or pressure applications with clean water or diluted chemical solutions.

Specification

Installation: Vertical / horizontal
Contact type: (1) SPST reed
Sensor material: 316 ss
Process mount: 1/8" NPT / 1/4" NPT / 1/2" NPT

[Level Switch Compact Relay Controller](#)



Description

The general purpose compact relay controller is offered in two versions with 1 relay and 1 or 2 sensor inputs. The optional strobe flash alarm brings immediate attention to process conditions. Package the NEMA 4X controller with any of our level switches or installation fittings.

Specification

Contact type: (1) SPDT relay
Sensor inputs: (1-2) level switches
Enclosure rating: IP65
Enclosure mount: 3/4" NPT (3/4" Rp)

[Level Switch Remote Relay Controller](#)

Description

Specification



CSA general purpose and isolation approved, the remote relay controller is offered in three versions with 1 or 2 relays and 1-3 sensor inputs. The isolation controller has built-in intrinsic safety barriers for use with associated apparatus. The 35 mm DIN rail is panel mounted.

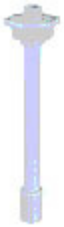
Contact (2) SPDT
type: relays
Sensor (1-3) level
inputs: switches
Enclosure None
rating:
Enclosure 35mm DIN
mount: rail

[Smart Trak Multi-Point Level Switch Fitting](#)



Description	Specification
The adjustable Smart Trak multi-point fitting enables users to install and adjust up to four Flowline level switches to any depth along the length of track. The corrosion resistant PP fitting is typically applied in atmospheric day tanks, process vessels and waste sumps.	Track lengths: US: 2', 4', 6', 8', 10' Metric: 1m, 2m, 3m Adjustability: Entire track length Fitting material: PP (20% glass filled) Process 2" NPT mount: (2" G)

[Switch-Pak Single-Point Level Switch Fitting](#)



Description	Specification
The single-point Switch-Pak fitting enables users to install a Flowline level switch through the top wall of the tank to a desired switch point. Offered in PVC, PP and PVDF materials, the fitting is generally applied in bulk storage tanks and waste sumps.	Length: 6" to 10' (15cm to 3m) Adjustability: None Fitting material: PVC, PP or PVDF Process 2" NPT mount: (2" G)

[Strobe Alert Compact Flash Alarm](#)



Description	Specification
Offered in AC and DC powered configurations, the Strobe Alert compact flash alarm brings immediate attention to process conditions. The NEMA 4X alarm is compatible with our round enclosures and is actuated with our level switch, flow switch or controller products.	Supply voltage: 12-36 VDC / 120-240 VAC Strobe type: Xenon tube Enclosure rating: IP65 Enclosure material: Polycarbonate

[Compact Junction Box](#)



Description	Specification
Offered in small and large sizes, the compact junction box is ideal for sensor wiring and conduit termination, and is universally compatible with our level and flow switch products. The rugged PP enclosure is rated NEMA 4X for use in corrosive environments.	Sensor inputs: 1-4 sensors Terminal strip: 6-12 pole socket Enclosure rating: IP65 Enclosure material: PP (UL94VO)

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