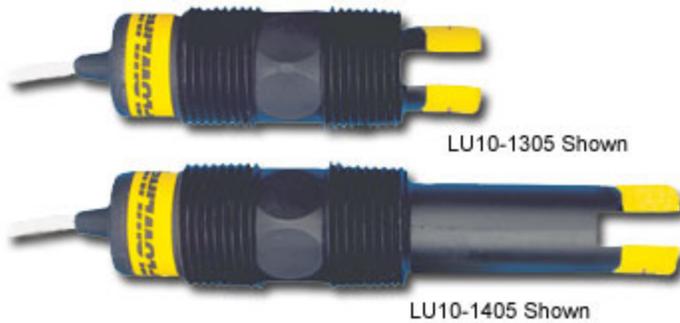


## Switch-Tek™ Ultrasonic Level Switch



LU10-1305 Shown

LU10-1405 Shown

### Specifications

Orientation:	Universal
Repeatability:	± 0.5 mm in water
Supply voltage:	12-36 VDC
Contact type:	(1) SPST relay (NO/NC)
Contact rating:	60 VA
Process temp:	F: -40° to 194° C: -40° to 90°
Pressure:	150 psi (10 bar)
Cable length:	10' (3m)
Sensor rating:	NEMA 6 (IP68)
Process mount:	3/4" NPT (3/4" Rp)
Sensor material:	PP / PFA Teflon®
Classification:	Intrinsically safe

### Application

CSA approved intrinsically safe for use in hazardous area locations, the ultrasonic level switch is broadly applied in chemical, solvent, hydrocarbon and petroleum based liquids. Media examples include fuel, acetone and hydrochloric acid. The 1A relay provides a reliable switch interface with remote devices such as a PLC, SCADA or alarm. The submersible sensor is universally mounted through the wall or inside the tank.

### Features

CSA approved intrinsically safe for use in hazardous area locations  
Rugged PP or PFA Teflon® probe and cable rated NEMA 6  
1A relay selectable NO or NC via power supply wiring polarity  
Compatible with MicroPoint multi-channel indicator



### Tech Tip

Switch-Tek ultrasonic is the best level switch for a wide range of liquids including corrosive chemicals, ultrapure water and solvents. Both the submersible sensor probe and cable are constructed of the same rugged PP or PFA Teflon® material per your order. This unique packaging design is completely sealed for maximum reliability.



LU10-23\_5 Shown

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**Sensor material (1)**

- 1 PP
- 2 PFA

**Sensor length**

- 3 Short
- 4 Long

**Process mount (2)**

- 0 3/4" NPT (US)
- 2 3/4" G / Rp (Metric)

**Ordering Notes**

- 1) To special order a 25' (7.6m) or 50' (15.2 m) sensor cable, place the cable length at the end of the part number (ie: LU10-1305-25').
- 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.

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