

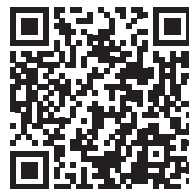
# Hazardous Location Multi-Point Level Switch Series: FLX



The FLX Magnetic level switch is designed specifically for point level detection of liquids in containers. Available in a wide variety of mounting types, the FLX is appropriate for use in classified flammable liquids. Each FLX is manufactured to the users specifications making it fit to work precisely according to the application requirements.

## Features

- CSA-C/US hazardous area rating
- Long switch life
- Durable floats
- Shock resistant construction
- Up to seven switch points



# FLX Specifications

## Performance

- 7 Switch Points  
Min. distance between levels: 2.5 in. (63.5mm)

## Environmental

- Operating Temperature:  
14° to 185°F (-10° to 85°C)

## Certification

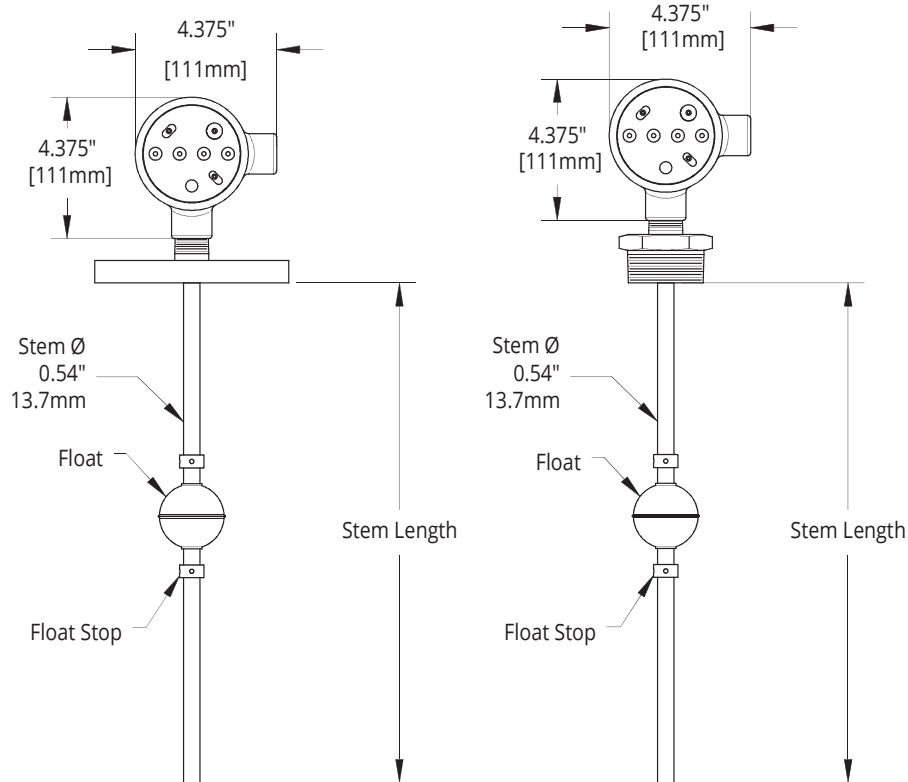
- Class I, Division 1, Groups C & D
- Class I, Division 2, Groups C & D

## Electrical

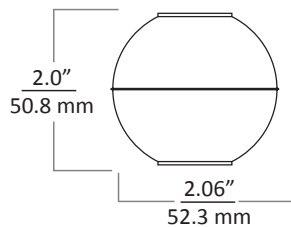
- Switch Rating:  
50 VA, 180 VA
- Max Current:  
0.5 A AC
- Max Voltage:  
220 VAC

## Physical

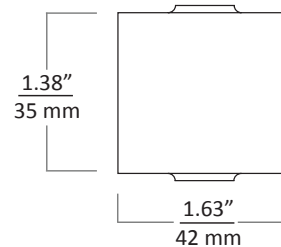
- Stem Length:  
153 in. (3900 mm)
- Cable Entry:  
3/4 in.



**Float AA**



**Float BB**



# Model Configuration Options

Model Number: FLX -      -      -      -      -      -      -      -      -      -       
                  A      B      C      D      E      F      G      H      I

## A. Mounting Type

- 0** Flat face flange
- 3** 3A Sanitary Ferrule
- 4** Plug mounted from outside of tank

## B. Mounting Option and Size

- A** Ansi flange 150# (size=2, 2.5, 3)
- SF** 3A Sanitary ferrule (size=2)
- T** NPT plug (size=1.5, 2, 2.5, 3)

## C. Material

- S6** 316L SS

## D. Housing

- H3** NEMA 4 & 7, IP65 (3/4 in. cable entry)

## E. Reed Switch

- A** 50 VA
- C** 180 VA

## F. Number of Switch Points

- 1-7** Select the number of switch points required

## G. Number of Floats

- 1-7** Select the number of floats required

## H. Float Type

- AA** 316L SS (2.06 in. diameter), 0.56 specific gravity
- AA92** 316L SS (2.06 in. diameter), 0.92 specific gravity
- BB** 316L SS (1.63 in. diameter), 0.56 specific gravity
- BB92** 316L SS (1.63 in. diameter), 0.92 specific gravity

## I. Probe Length (in./mm)

- L\_** in./mm

## Switch Point Location(s)

(Measured from process connection)

- 1** \_\_\_ in./mm (designate NO or NC position)
- 2** \_\_\_ in./mm (designate NO or NC position)
- 3** \_\_\_ in./mm (designate NO or NC position)
- 4** \_\_\_ in./mm (designate NO or NC position)
- 5** \_\_\_ in./mm (designate NO or NC position)
- 6** \_\_\_ in./mm (designate NO or NC position)
- 7** \_\_\_ in./mm (designate NO or NC position)

