

# Ktech INDUSTRIAL PRODUCTS INC.

## Model FS301 Overfill Protection Device Installation Instructions Part No.: FS301-4-NB

**CAUTION:** REFER TO INSTRUCTIONS BEFORE OPERATING OR SERVICING SWITCH.

**Construction:** 1/2" O.D. Brass stem, Buna-N float, 1/2" NPT bushing.

Switch set-point distances are measured from the underside of the 1/2" NPT bushing to the center of the float at the level where the switch is activated. Switch set-point distances are not field adjustable. They are factory-set as specified on the purchase order. The contact arrangement may be changed from normally open (NO) to normally closed (NC) and vice versa. Turn over the float and return the stop collars to their original positions. If the contact arrangement is altered, use an ohmmeter to test that the switch operates correctly. Screw the float switch into the 1/2" NPT opening on top of the tank. The conductors are colour coded to identify each switch. The switch must be connected in series with a load.

**DO NOT CONNECT THE SWITCH DIRECTLY ACROSS THE POWER SUPPLY.**

The voltage / current product must not exceed the power rating.

### Electrical Specifications

Maximum Switching Voltage Volts DC/AC	120
Maximum Switching Current Amps DC/AC	1.0
Maximum Switching Power Volt/Amps DC/AC	100
Operating Temperature Range	-25°C to 90°C -13°F to 194°F



**Meets Standards:**

**Class 1 Division 1, Groups B,C,D**

CSA C22.2 No. 1010-1 and ANSI/I SA S82-03

CSA C22.2 No. 30 and UL1203

**Factory Sealed**

**MINIMUM SETPOINT DISTANCE FROM TOP IS 2"**

**MINIMUM SETPOINT DISTANCE BETWEEN CONTACTS IS 3"**

**MINIMUM SETPOINT DISTANCE FROM BOTTOM IS 2 1/2"**



