

# LOW COST LIQUID LEVEL SWITCHES

## Single Station, Vertical Mounting

LVK-10

**\$28**



- ✓ Low Cost, Compact Design for General Purpose Level Monitoring
- ✓ Rugged, Shock and Vibration Resistant
- ✓ Mounts Vertically at Top or Bottom of Tank
- ✓ Reed Switch Design for High Repeatability
- ✓ User Selectable, Normally Open or Normally Closed SPST Switch

To determine fluid specific gravity, add 0.1 to float specific gravity in clean liquids and 0.3 to float specific gravity in dirty or viscous liquids.

The LVK-10 Series level switches feature a small float displacement, especially suited for narrow or restricted areas. A standard 1/8" NPT male fitting allows for quick installation in either the top or bottom of the tank or vessel. A sealed SPST switch provides consistent accuracy and high repeatability with the effects of shock, vacuum or vibration minimized. Extremely versatile, the switch is user selectable as normally open or normally closed by simply removing the retaining clip and inverting the position of the float.

For intermediate float displacement, the LVK-20 Series will yield long life and greater stability for a broad range of level monitoring requirements. The LVK-30 Series larger float displacement is intended for use with liquids of high viscosity, and is well suited for harsh environments. Both models share the standard features of the LVK-10.

See chart on page K-6 for maximum voltage/current ratings.

### SPECIFICATIONS

**Stem Material:** Brass or 316SS

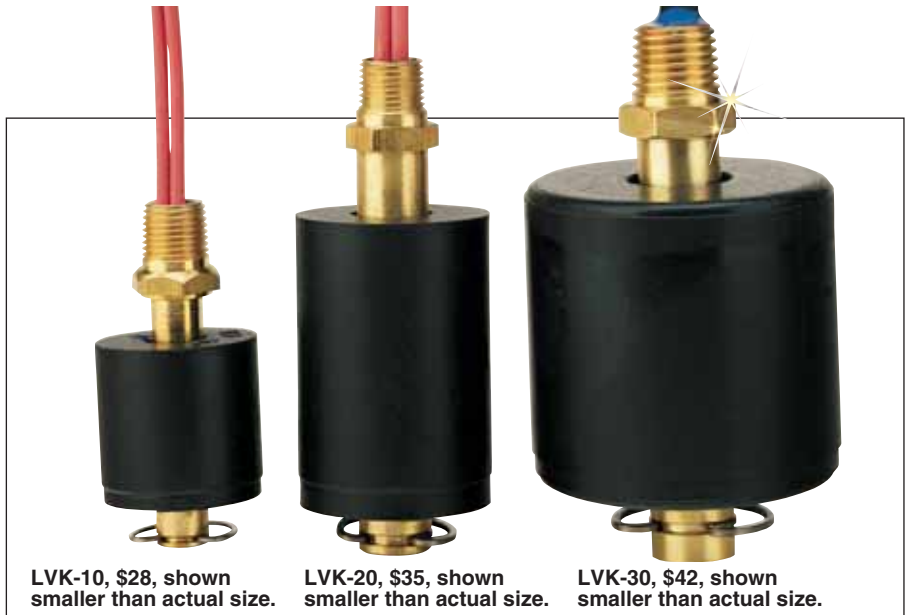
**Float Material:** Buna-N

**Other Wetted Material:** 316SS

**Operating Temperature:**

**Water:** -40 to 82°F (-40 to 180°F)

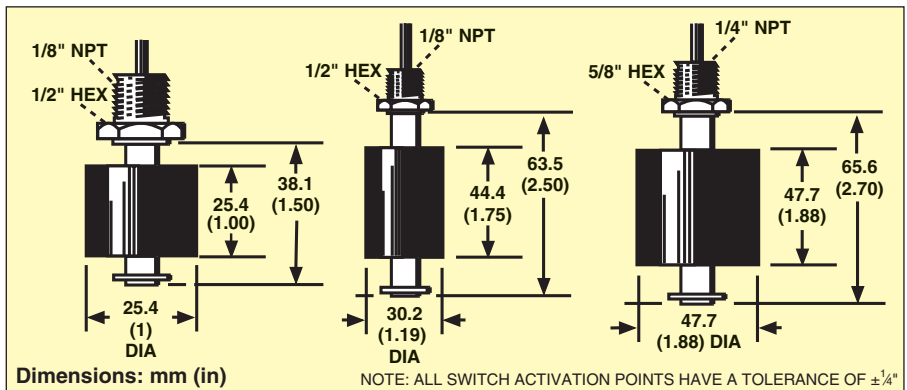
**Oil:** -40 to 107°C (-40 to 225°F)



LVK-10, \$28, shown smaller than actual size.

LVK-20, \$35, shown smaller than actual size.

LVK-30, \$42, shown smaller than actual size.



**Pressuring Rating:** 150 psi

**Mounting:** 1/8" NPT for LVK-10 and LVK-20, 1/4" NPT for LVK-30

**Switch:** SPST

**Switch Actuation:** Approx. 1/2 the distance from end of stem to mounting, or at halfway point of float travel

**Lead Wires:** 22 awg. 24" polymeric for LVK-10 and 18 awg. 24" polymeric for LVK-30 and LVK-20

**Specific Gravity of Float:**

LVK-10: 0.50

LVK-20: 0.58

LVK-30: 0.43

**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

Model No.	Price	Stem Material	Switch Rating
LVK-10	\$28	Brass	10 VA
LVK-11	43	316SS	10 VA
LVK-20	35	Brass	20 VA
LVK-21	41	Brass	100 VA
LVK-22	44	316SS	20 VA
LVK-23	56	316SS	100 VA
LVK-30	42	Brass	20 VA
LVK-31	48	Brass	100 VA
LVK-32	52	316SS	20 VA
LVK-33	57	316SS	100 VA

Comes with complete operator's manual.

**Ordering Examples:** LVK-22 is a vertical mounted liquid level switch with a 316 stainless steel stem and switch rated to 20 VA, \$44; LVK-33 is a 100VA rated switch with a 316 stainless steel stem, \$57.

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