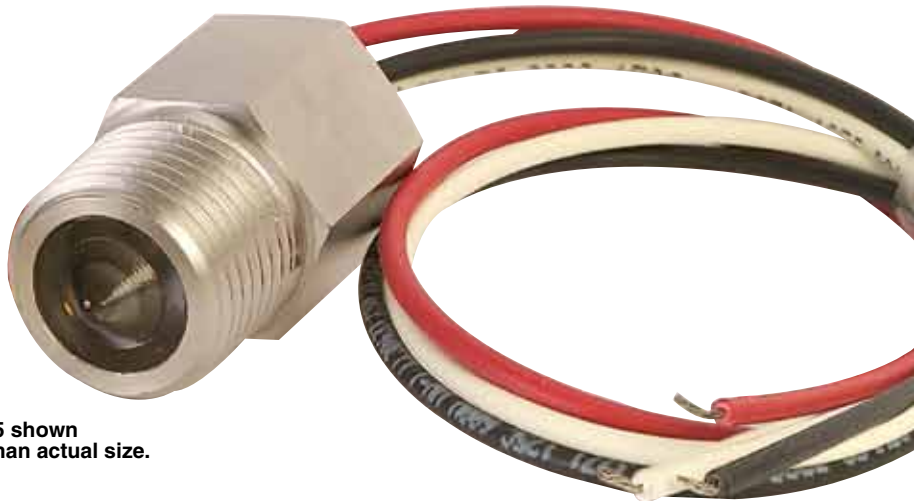


# HIGH PRESSURE, SINGLE POINT LEVEL SWITCH

**LVE-115/116**



- ✓ **Fused Glass Prism for High Pressures**
- ✓ **Excellent Price-to-Performance Ratio**
- ✓ **Ideal for Corrosive Environments**



LVE-115 shown larger than actual size.

The LVE-115/116 electro-optic level switches maintain the top-performing environmental capabilities of their larger family members while featuring an overall size that is 50% smaller. At just 35 mm (1.38") long, LVE-115/116 represents the smallest electro-optic level sensor in its performance class, and by far the most economical. LVE-115/116

switches utilize a strong, glass prism fused to a carbon steel or housing to easily monitor vessels pressurized up to 2500 psi. Their compact package size makes them the ideal candidate for monitoring the small, pressurized vessels found in HVAC, refrigeration and hydraulic applications. They are most commonly used for low, high and intermediate level detection.

## SPECIFICATIONS

**Mounting:** ½ NPT

**Materials:**

**Housing:** Nickel-plated carbon steel

**Prism:** Fused glass

**Operating Pressure:** 0 to 2500 psi, maximum

**Operating Temperature\*:** -40 to 100°C (-40 to 212°F)

**Current Consumption:** @45 mA

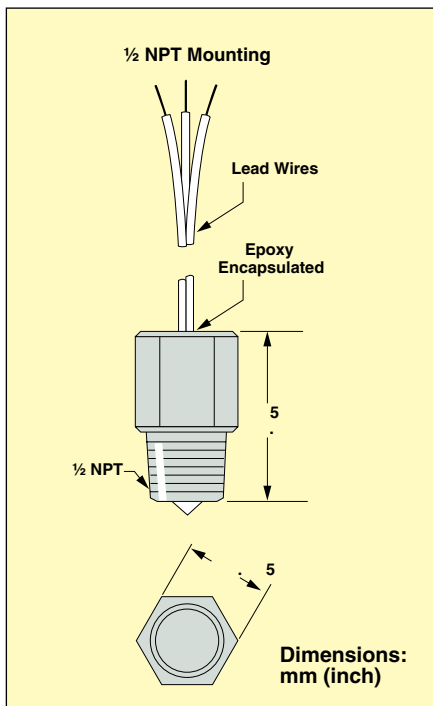
**Output:** Open collector, 18 mA sink, maximum

**Electrical Termination:** 22 AWG, polymeric, 305 to 356 mm (12 to 14") extended lead wires

**Repeatability:** ±1 mm

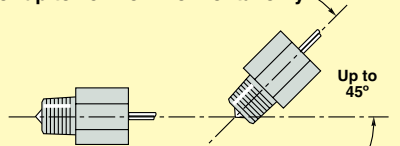
**Approvals:** CE

*\* These switches are not for use in freezing liquid or steam/high condensation environments.*



### Mounting Orientation

These units must be mounted horizontally or up to 45° from horizontal only.



## To Order

Model No.	Description
<b>LVE-115</b>	Optical high pressure level switch, 12 Vdc wet sink
<b>LVE-116</b>	Optical high pressure level switch, 12 Vdc dry sink
<b>Accessories</b>	
<b>LVE-950-R</b>	DC unit switchbox higher current loads, power 120 Vac
<b>LVE-950-R-NEMA4</b>	DC switchbox, higher loads, power 120 Vac NEMA 4

*Comes complete with operator's manual.*

**Ordering Example:** LVE-115, optical high pressure level switch, 12 Vdc wet sink with LVE-950-R-NEMA4, DC switchbox 120 Vac power.