

Lube Level Swichgag[®] Instrument L129 Series

The L129 Series Lube Level Swichgag instrument is a combination lube level indicating gage and adjustable low and high limit switches. It provides protection against low oil level or high level caused by overfill or fuel or water seepage into the crankcase.

A 6-3/4 inch (171 mm) deep sight gage allows you to check the condition and level of your oil without shutting down the equipment.

Fingertip adjustable limit contacts, through 4-7/8 inch (122 mm) range, make it simple to set high and low limit contacts. If the float touches the high or low limit contact, a normally open circuit will be completed which can activate alarms and/or shut down the equipment.

There are two models in the L129 Series: L129 and L129CK1. The L129 model is designed for grounded, low voltage electrical systems. It features a one-wire-to-ground electrical circuit. The L129CK1 was designed for applications requiring a three-wire, above ground electrical circuit. It features ungrounded contacts and a conduit hub to protect electrical wiring. Options are available for both models.

A flow restrictor plug is available that restricts oil flow from the crankcase to the L129 Series switch and vice versa. It is typically used on applications where the engine is not stationary such as marine and mobile equipment.

When properly installed and maintained, the L129 Series Lube Level Swichgag can monitor and protect engines and pumps from improper lubrication level, which can result in extensive damage.

The L129 Series is recommended for engines and pumps with larger crankcase capacity. Although designed primarily for stationary engines, the L129 Series is often used in mobile applications such as marine, rail and some large off-highway trucks.

Specifications

Case: Die-cast aluminum

Lens: Tempered glass

Maximum Working Pressure: 10 psi (68.9 kPa)

Process Connection: 1/2 NPT

Float Material: Brass

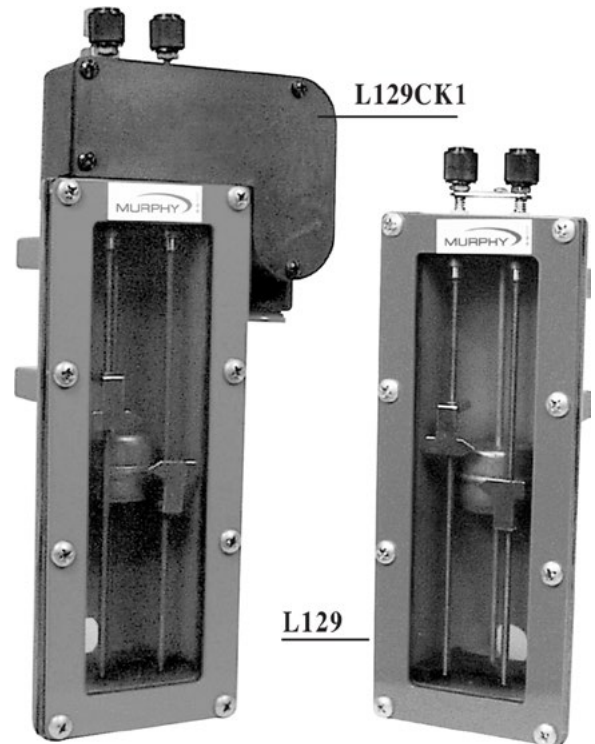
Contact Rating: 2 A @ 30 VAC/DC, pilot duty

Shipping Weight:

L129: 3 lb. (1.4 kg)

L129CK1: 3 lb. 9 oz. (1.6 kg)

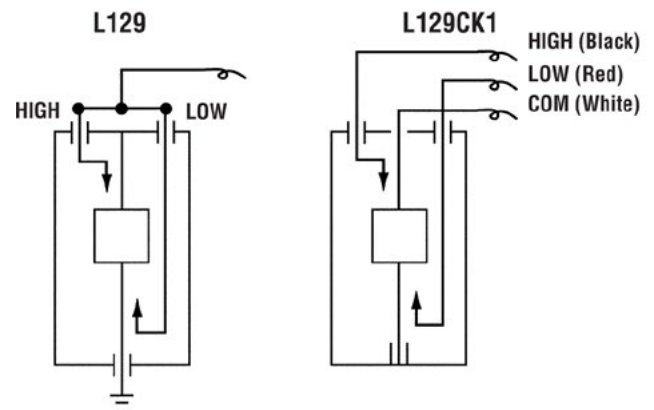
Shipping Dimensions (both models): 12 x 4-1/2 x 4-3/4 in.
(305 x 114 x 121 mm)



* Products covered by this bulletin comply with EMC Council directive 89/336/EMC regarding electromagnetic compatibility except as noted.

Wiring

These diagrams are shown with the float in the full position.

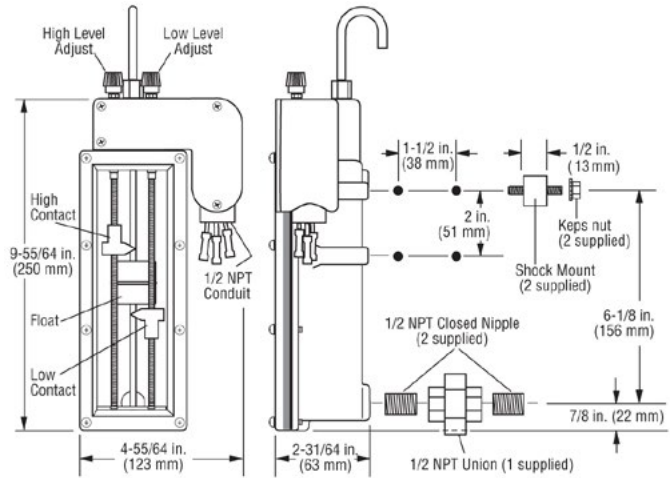
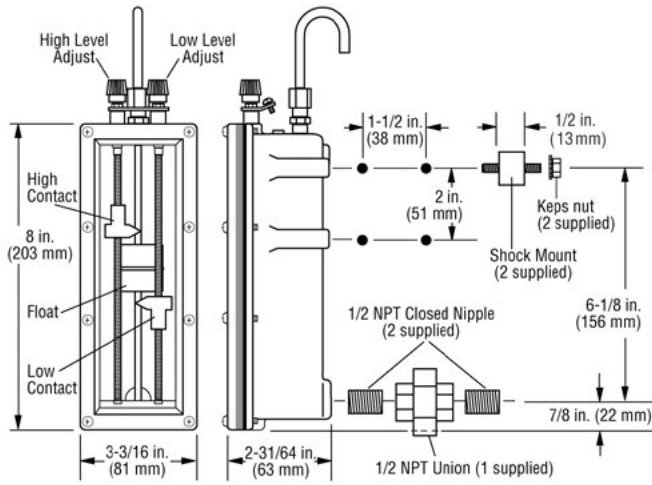


Contact Rating: 2 A @ 30 VAC/DC, pilot duty

Dimensions

L129

L129CK1



How to Order

Part Number	Description	Notes
15000888	Full repair kit (less castings and glass assembly) for date code T2 and later	For L129
15000480	Bezel, glass and gasket set for date code W7 and later	
15000485	Glass and gasket set for all date codes	
15050241	Restrictor plug for all date codes	