

**PRODUCT DESCRIPTION**

The Jerguson model SAS-16 is a snap action magnetic level switch and has been designed to operate as a point level switch for magnetic liquid level gauges. Please read this manual in its entirety before installing the switch. Switch housing, nipple, and enclosure (when applicable) are constructed of aluminum.

**Note:** All installation steps should be performed by a qualified technician and should be performed in accordance with all applicable national and local codes.

**INSTALLATION :**

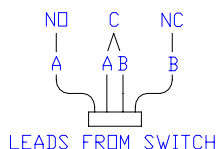
**CAUTION:** Verify that area is free of flammables before installation.

To mount the SAS-16 switch, tighten the provided hose clamps around both the mounting bracket ears and Magnicator II chamber. (See picture page 2.) The set point may be changed by simply loosening the clamps and sliding the switch to the desired level. *Note: The "T" or "TOP" must be visible from the top view of the switch for the switch to be in its correct orientation.*

**SUPPLIED WITH FLYING LEADS:**

**Part # A25669 and A27312**

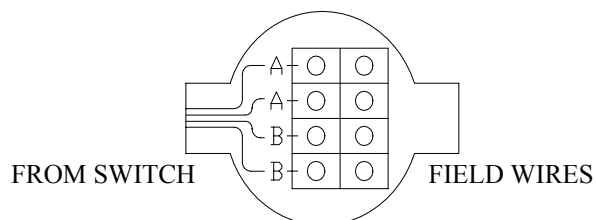
The switch can be wired as a form C switch as shown below.



**WHEN SUPPLIED WITH A JUNCTION BOX:**

**Part # A26044 uses switch # A25669**

**Part# A27922 uses switch # A27312**



**MAINTENANCE**

With either the flying leads or the junction box, it is recommended that the switch enclosure not be opened or dismantled. There is no internal maintenance or adjustments required on the switch.

## GENERAL SPECIFICATIONS

Max. Switching AC: 10A 300 VAC 2000VA  
DC: 10A 240 VDC 50W  
Switch Type SPDT  
Max Wet Side Temp. 250°C  
Conduit Connection 1/2" FNPT

## OPERATION

The activation level for the SAS-16 is at the horizontal centerline of the switch. The model SAS-16 will remain with the "A" leads N/O and the "B" leads N/C while the magnetic float is below the centerline of the switch. When the float rises above the activation level the switch changes states. The switch will remain in this state until the float goes below the activation level.

The housing for the model SAS-16 limit switch provided carries an explosion proof rating for Class I, Div I, Groups A, B, C & D. A sealing fitting *must* be installed within two inches of the housing to be in accordance with this rating.

