



## **LS309-31**

### **LS Series–Level Sensor**

#### **Features**

- High or low level sensing
- External fitting
- Reed Switch reliability
- Nitrile sealing grommet
- Easy installation

#### **Comments**

- High or low level sensing
- Normally open or normally closed by rotating through 180
- Suitable for a wide range of liquids
- Interface option available
- Nylon 6.6 Material

#### **Applications**

- Chemical high or low level
- Diesel Fuel
- Fuel low level
- Alcohols
- Low Oil Detection

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**Material**

Housing Material	Glass Filled Nylon 6.6
Float Material	Glass Filled Nylon 6.6
Contact Material	Ruthenium
Float SG	0.85
Operating Temperature °C	-30 to 130
Medium	Fuels, Oils, Alcohols
Housing and Float Colour	Blue

**Mechanical Specifications**

Shock	50g for 11mS duration
Vibration	35g up to 500Hz
Maximum Pressure	2.0 Bar
IP	IP65

**Switching**

Switch Action (Reed Switch)	SPST
Max Switching Voltage VDC	200
Max Switching Voltage VAC	250
Max Switching Current Amps	1
Max Switching Load Watt	70
Operate Mode	N/C with float horizontal
Contact Form	A

**Cable**

Cable Length	2 x 0.5M single insulated
Connection Type	Stripped Cables
Cable Type	18AWG, 32/0.2mm PVC insulated
Cable Colour	Black/Black

**Mounting**

Thread	1/2" NPT
Fitment	External
Mounting	Horizontal

**Additional Information**

Also Known As	LS301-31 LS303-31 LS306-31
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**Technical Drawing**

**Mounting Bush Fitting**

