



## 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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LS Series—Level Sensor

### 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

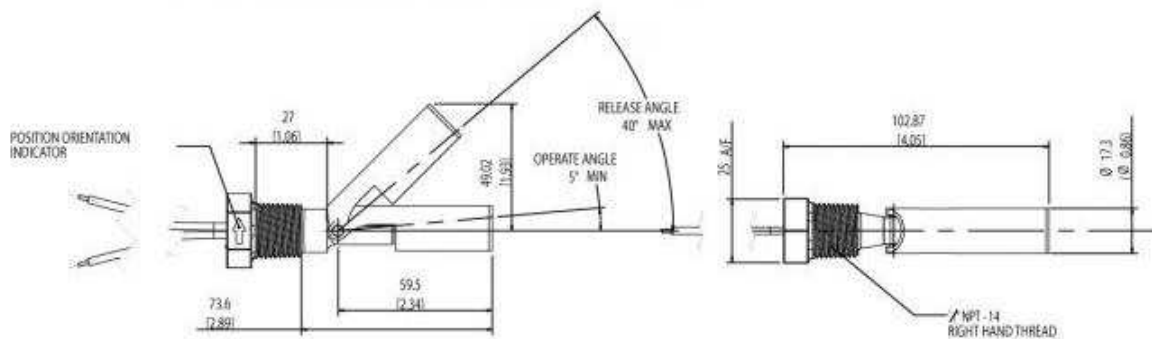
Thread	1/2" NPT
Fitment	External
Mounting	Horizontal

### Additional Information

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

#### Mounting Bush Fitting



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