



## LS509-51

### LS Series–Level Sensor

#### Features

- ♦ High or low level sensing
- ♦ Internal or external fitting
- ♦ Reed Switch reliability
- ♦ Silicone sealing washer/grommet
- ♦ Easy installation

#### Applications

- ♦ Coolant level indication
- ♦ Water high or low Level
- ♦ Boiler heating element protection
- ♦ Drinking water level
- ♦ Boiling Water

#### Comments

- ♦ High or low level sensing, single pole double throw
- ♦ Normally open or normally closed by rotating through 180
- ♦ Suitable for a wide range of liquids
- ♦ Interface option available
- ♦ PPS Material

#### Material

<b>Housing Material</b>	Glass Filled PPS
<b>Float Material</b>	Glass Filled PPS
<b>Contact Material</b>	Ruthenium
<b>Float SG</b>	0.7
<b>Operating Temperature °C</b>	-30 to 110
<b>Medium</b>	Boiling, Drinking (Potable) Water
<b>Housing and Float Color</b>	Black

#### Cable

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

#### Mechanical Specifications

<b>Shock</b>	50g for 11mS duration
<b>Vibration</b>	35g up to 500Hz
<b>Maximum Pressure</b>	4.7 Bar
<b>IP</b>	IP65

#### Mounting

<b>Thread</b>	M16
<b>Fitment</b>	Universal Internal or External
<b>Mounting</b>	Horizontal

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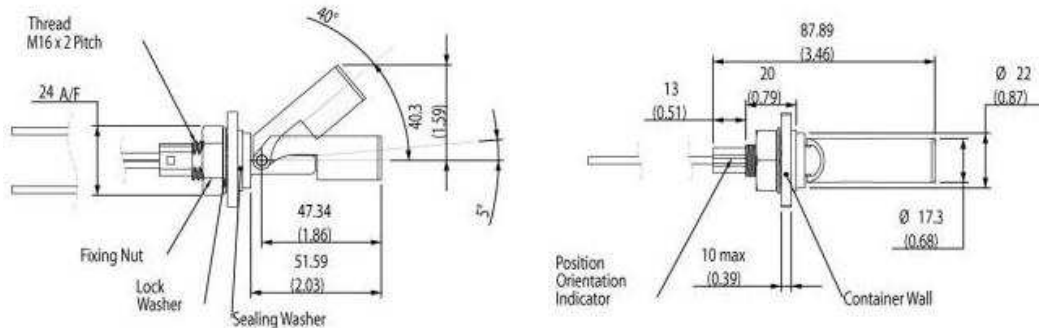
LS Series—Level Sensor

### Switching

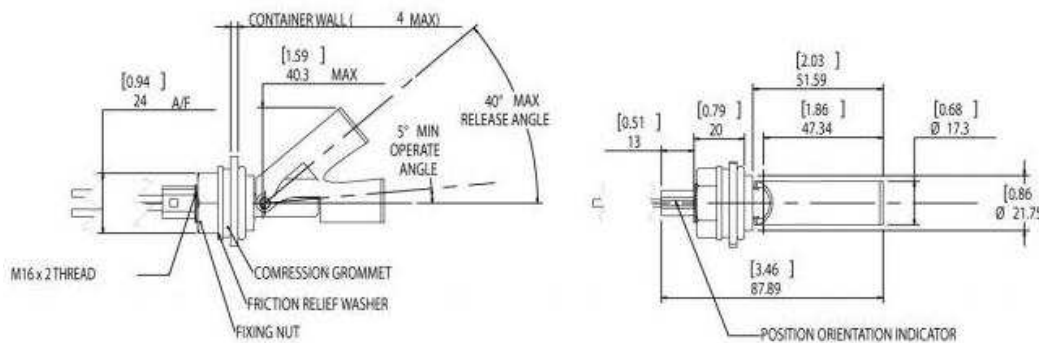
Switch Action (Reed Switch)	SPST
Max Switching Voltage VDC	200
Max Switching Voltage VAC	250
Max Switching Current Amps	1
Max Switching Load Watt	70
Operate Mode	N/C with float horizontal
Contact Form	A

### Technical Drawing

#### Internal Fitting



#### External Fitting



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