

# LS509-31 horizontal Level Sensor

## LS Series

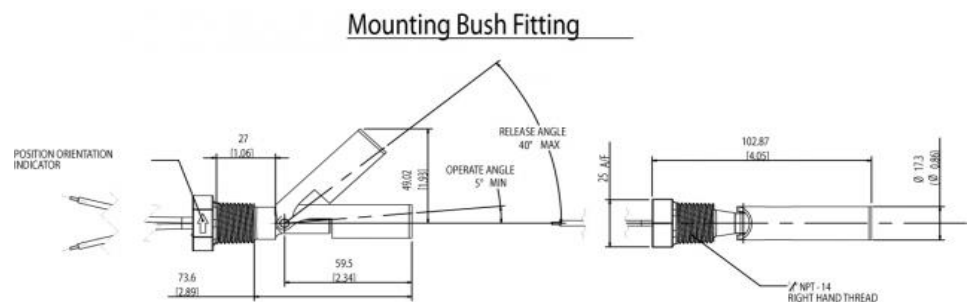
- High or low level sensing
- N/O or N/C by rotating through 180°
- Suitable for a wide range of liquids
- Interface option available
- G/F PPS Material



### The LS509-31

From our range of horizontal liquid level sensors which offer design engineers reed switch reliability. The design allows for sensing high or low liquid levels from the side of the tank.

### dimensions



## FEATURES

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

## APPLICATIONS

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

# LS509-31 horizontal Level Sensor

## performance specifications

### Material, Design and Operation

Mounting	Horizontal
Housing Material	Glass Filled PPS
Housing Colour	Black
Float Material	Glass Filled PPS
Float Colour	Black
Contact Form	A
Contact Material	Ruthenium
Maximum Switching Volts (VAC)	250
Maximum Switching Volts (VDC)	200
Maximum Switching Current (Amp)	1
Maximum Power (Watt)	70
Connection Type	Stripped Cables
Cable Type	18AWG, 32/0.2mm PVC insulated
Cable Length	2 x 0.5M single insulated
Cable Colour	Black/Black
Minimum Specific Gravity	0.7
Operate Temperature Range	-30° to +110°C
Medium/Liquid	g water, Drinking Water (Potable Wate
Sealing Component	Not Supplied
Mounting Shock	50g for 11mS duration
Operate Mode	N/C with float horizontal
IP Rating	IP65

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## ordering info

The LS509-31 is from our LS Series of horizontal Level Sensors.

The Series is available in alternative with a number of standard options including:

- Housing and float materials
- Reed Switch configurations
- Maximum load switching abilities
- Installation Methods
- Sealing materials
- Cable types
- Cable lengths

**Please see the LS Series part number tree.**