



## **LS809-31**

### **LS Series—Level Sensor**

#### **Features**

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

#### **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
- Polypropylene Material

#### **Applications**

- Continuous 80
- Water high or low Level
- Condensate level alarm
- Drinking water level
- Cooling systems

## LS809-31

LS Series—Level Sensor

### Material

Housing Material	Glass Filled Polypropylene
Float Material	Glass Filled Polypropylene
Contact Material	Ruthenium
Float SG	0.65
Operating Temperature °C	-30 to 105
Medium	Water
Housing and Float Color	Charcoal

### Cable

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

### Mechanical Specifications

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

### Mounting

Thread	1/2" NPT
Fitment	External
Mounting	Horizontal

### 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

#### Mounting Bush Fitting

