



LS504-11

LS Series–Level Sensor

Features

- High or low level sensing
- Internal fitting
- Reed Switch reliability
- Silicone sealing washer
- 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
- PPS Material

Applications

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

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LS Series—Level Sensor

Material

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

Mechanical Specifications

| | |
|------------------|-----------------------|
| Shock | 50g for 11ms duration |
| Vibration | 35g up to 500Hz |
| Maximum Pressure | 4.7 Bar |
| IP | IP65 |

Switching

| | |
|-----------------------------|---------------------------|
| Switch Action (Reed Switch) | SPDT |
| Max Switching Voltage VDC | 175 |
| Max Switching Voltage VAC | 125 |
| Max Switching Current Amps | 0.4A DC/0.28A AC |
| Max Switching Load Watt | 5 |
| Operate Mode | N/C with float horizontal |
| Contact Form | C |

Cable

| | |
|-----------------|------------------------------|
| Cable Length | 3 x 0.5M single insulated |
| Connection Type | Stripped Cables |
| Cable Type | 24AWG, 7/0.2mm PVC insulated |
| Cable Color | Yellow/Blue/Black |

Mounting

| | |
|----------|------------|
| Thread | M16 |
| Fitment | Internal |
| Mounting | Horizontal |

Technical Drawing

Internal Fitting

