LS504-31

LS Series–Level Sensor

Features

- High or low level sensing
- External fitting
- Reed Switch reliability
- Silicone sealing grommet
- 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

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 Colour	Black

Cable

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

Mechanical Specifications

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

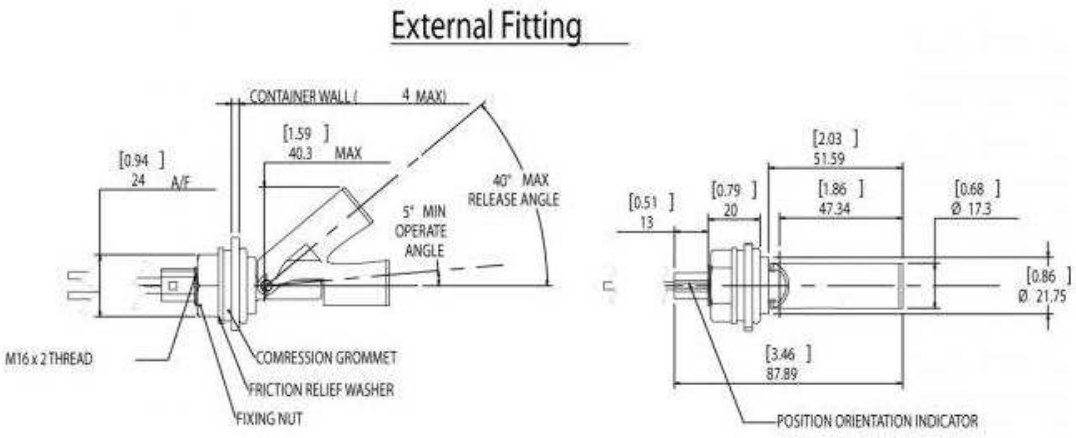
Mounting

Thread	½" NPT
Fitment	External
Mounting	Horizontal

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

Technical Drawing



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