



## LDS809-11

### LDS Series—Level Sensor

#### Features

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

#### Comments

- ♦ Close Differential between open and closed
- ♦ 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

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### Material

Housing Material	Glass Filled Polypropylene
Float Material	Glass Filled Polypropylene
Contact Material	Ruthenium
Float SG	0.7
Operating Temperature °C	-30 to 105
Medium	Water
Housing and Float Color	Charcoal

### Mechanical Specifications

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

### 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

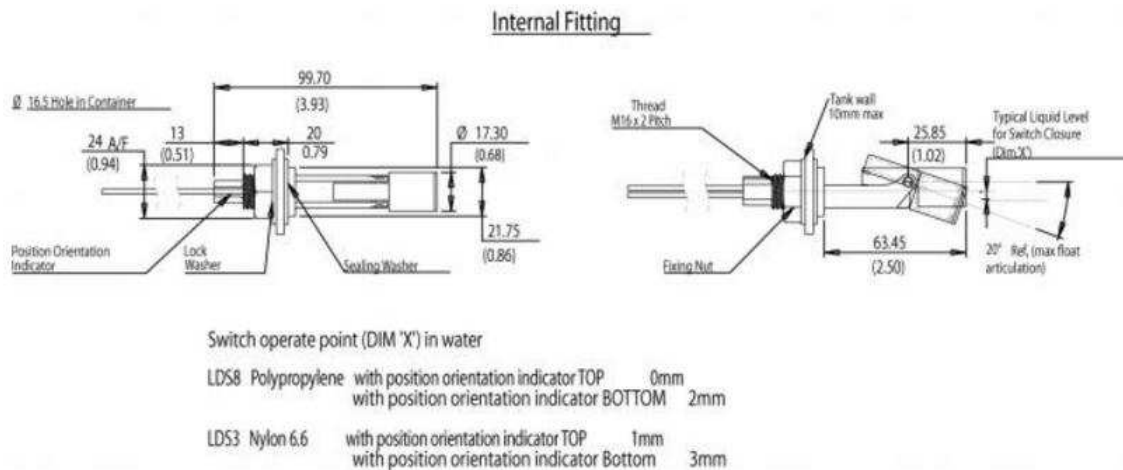
### Cable

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

### Mounting

Thread	M16
Fitment	Internal
Mounting	Horizontal

### Technical Drawing



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