



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

LDS809-11

LDS Series—Level Sensor

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

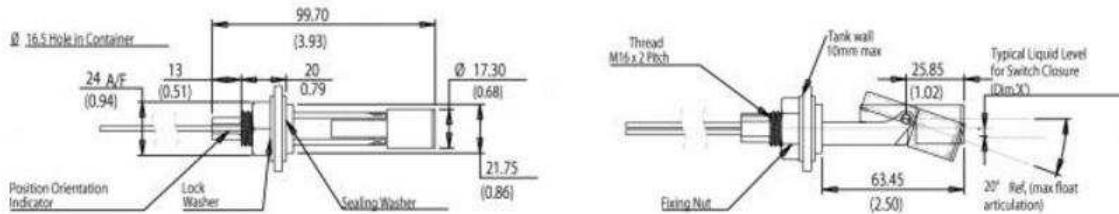
Cable Length	2 x 0.5M single insulated
Connection Type	Stripped Cables
Cable Type	18AWG, 32/0.2mm PVC insulated
Cable Color	Black

Mounting

Thread	M16
Fitment	Internal
Mounting	Horizontal

Technical Drawing

Internal Fitting



Switch operate point (DIM 'X') in water

LDS8 Polypropylene with position orientation indicator TOP 0mm
with position orientation indicator BOTTOM 2mm

LDS3 Nylon 6.6 with position orientation indicator TOP 1mm
with position orientation indicator Bottom 3mm