

LIQUID LEVEL SENSOR

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LS Series - Horizontal Level Sensor

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LS304-11N

Design Features

- High or low level sensing single pole double throw
- Internal fit
- Reed Switch reliability
- Nitrile sealing components
- Easy installation



Product Comments

- UL listed model, File E98428
- Normally open or normally closed by rotating through 180°
- Suitable for a wide range of liquids
- Interface option available
- Nylon 6.6 Material

Typical Applications

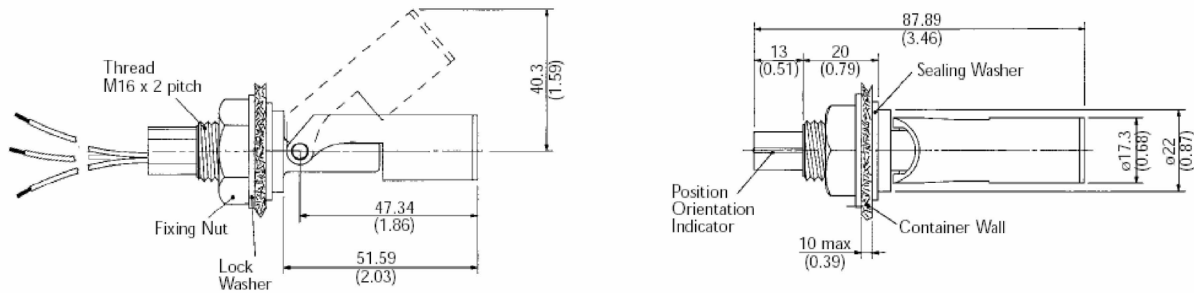
- Chemical high or low level
- Cooking Oil
- Fuel low level
- Alcohols
- Slump Level

Material, Design and Operation

Mounting:	Side Entry
Material:	Nylon 6.6
Fitting	Internal Fitting
Contact Form:	Form C - SPDT
Contact Material:	Ruthenium
Maximum Switching Volts:	100VDC
Maximum Switching Current:	0.5
Maximum Power:	3 Watts
Housing Temperature Range °C:	110
Housing Material:	Glass Filled Nylon 6.6
Housing Colour:	Blue
Float Material:	Glass Filled Nylon 6.6
Connection Type:	Stripped Cables
Cable Type:	7/0.2mm double insulated with PVC insulation 0.5M long
Cable Colour:	Yellow / Black / Blue
Minimum Specific Gravity:	0.85
Operating Temperature Range °C:	110
Medium/Liquid	Fuels & Oils
Mounting Shock:	50g for 11ms duration
Operating Pressure Bar:	4
Mounting Vibration:	35g up to 500Hz
Operate Mode:	N/C with float horizontal
Approvals:	UL

Line Drawing

Internal Fitting



INTERNAL FITTING

CONTAINER WALL
(THICKNESS MAX 10mm, MIN 1mm)

NOTE! DRILL 0.65" OR 16.5mm HOLE,
ENSURE FREE FROM SWarf AND
SHARP EDGES.

LOCK WASHER

FIXING NUT

NOTE! MAX TORQUE 3lbs/ft
OR 4Nm.

