

## LIQUID LEVEL SENSOR

### VS Series – Vertical Liquid Level Sensor

## VS803-51

### Design Features

- High or low level sensing
- Internal & External fitting
- Reed Switch reliability
- Silicone sealing components
- Easy installation



### Product Comments

- Normally open or normally closed by float reversal
- Suitable for a wide range of liquids
- Top or Bottom Tank Entry Vertical Stem/Float travel
- Polypropylene Materials

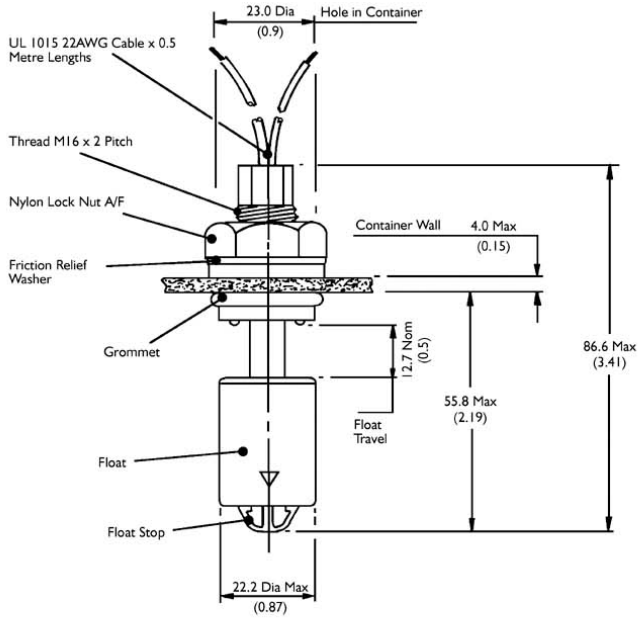
### Typical Applications

- Waste Water Level
- Coolant level indication
- Drinking water level
- Cooling systems
- Water high or low Level

### Material, Design and Operation

Mounting:	Top or Bottom Entry
Material:	Polypropylene
Fitting	Internal & External Fitting
Contact Form:	Form A - SPST
Contact Material:	Ruthenium
Maximum Switching Volts:	250VAC
Maximum Switching Current:	1.0
Maximum Power:	15 Watts
Housing Temperature Range:	80
Housing Material:	Glass Filled Polypropylene
Housing Colour:	Charcoal
Float Material:	Glass Filled Polypropylene
Connection Type:	Stripped Cables
Cable Type:	2 x 18AWG 32/0.2mm PVC insulated 0.5m long to UL/CSA/BS6361
Cable Colour:	Black/Black
Minimum Specific Gravity:	0.7
Operating Temperature Range:	80
Medium/Liquid:	Water
Operating Pressure:	4
Mounting Shock:	50g for 11ms duration
Mounting Vibration:	35g up to 500Hz
Operate Mode:	N/C with Float Down
Approvals	UL

## Line Drawing



### EXTERNAL FITTING

CONTAINER WALL (THICKNESS MAX 4mm, MIN 1mm)

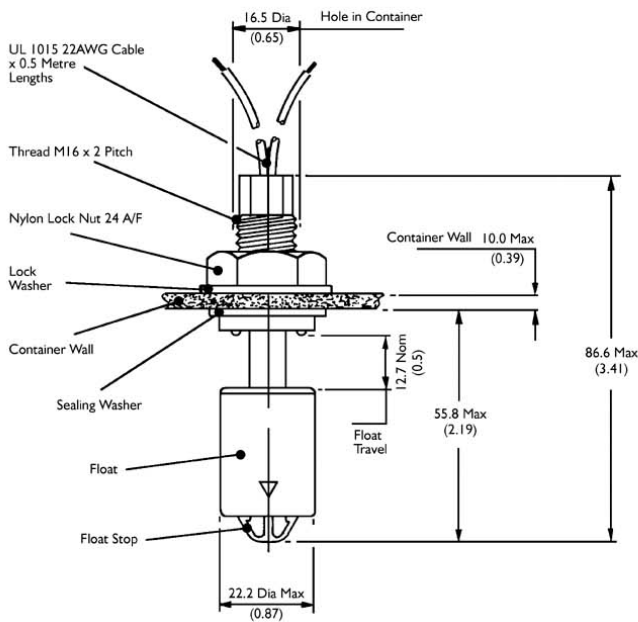
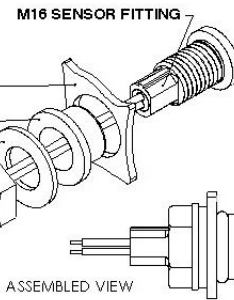
NOTE! DRILL 0.9" OR 23mm HOLE, ENSURE FREE FROM SWarf AND SHARP EDGES.

SEALING GROMMET

FRICTION RELIEF WASHER

FIXING NUT

NOTE! MAX TORQUE 2lbs/ft OR 2.67Nm.



### 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.

