

LIQUID LEVEL SENSOR

VSS Series – Vertical Liquid Level Sensor

VSS-01

Design Features

- Robust construction
- Reedswitch reliability
- normally open or normally closed by float reversal
- High or Low Level Sensing
- Repeatability and Reliable Operation



Product Comments

- Stainless Steel housing and Float
- Internal mounting - via M16 and silicone sealing washer
- SPST switching
- Temperature range up to 120°C
- Minimum SG 0.8

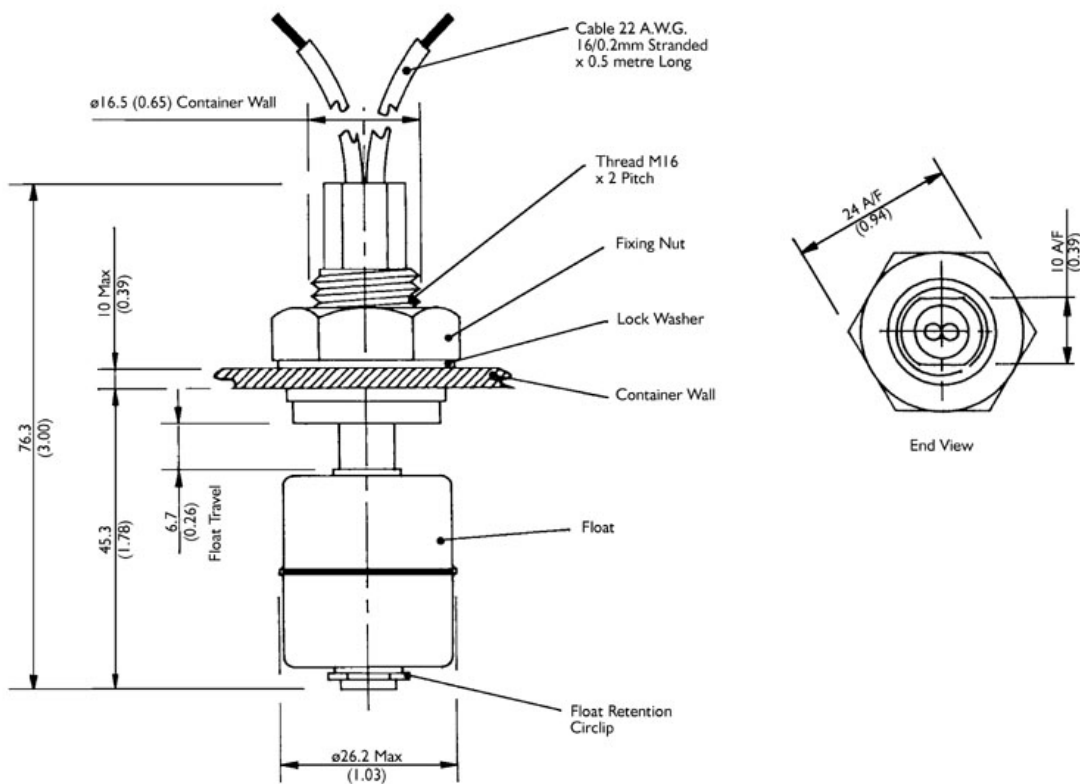
Typical Applications

- Boiler heating element protection
- Boiling Water
- Drinking water level
- Condensate level alarm
- Cooking Oil

Material, Design and Operation

Mounting:	Top or Bottom Entry
Material:	Stainless Steel
Fitting:	Internal Fitting
Contact Form:	Form A - SPST
Contact Material:	Ruthenium
Maximum Switching Voltage:	250 VAC or 200VDC
Maximum Switching Current:	1.0
Maximum Power:	15 Watts
Housing Temperature Range °C	120
Housing Material:	Stainless Steel
Float Material:	Stainless Steel
Connection type:	Stripped Cables
Cable Type	16/0.2mm double insulated with PVC insulation 0.5M long to UL/CSA/BS6361
Minimum Specific Gravity:	0.8
Operating Temperature Range °C:	120
Medium / Liquid:	Boiling Water , Drinking Water (Potable Water) , Boiling Water , Drinking Water (Potable Water) ,
Sealing Components:	Silicone
Operating Pressure BAR:	4
Operate Mode:	N/C with float down
Mounting Shock:	50g for 11ms duration
Mounting Vibration:	35g up to 500Hz

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.

M16 SENSOR FITTING

ASSEMBLED VIEW