

LS403-51 horizontal Level Sensor

LS Series

- High or low level sensing
- N/O or N/C by rotating through 180°
- Suitable for a wide range of liquids
- Interface option available
- G/F Polypropylene Material



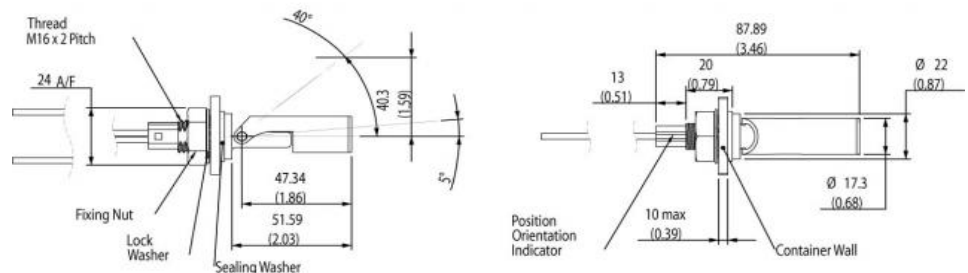
✓RoHS

The LS403-51

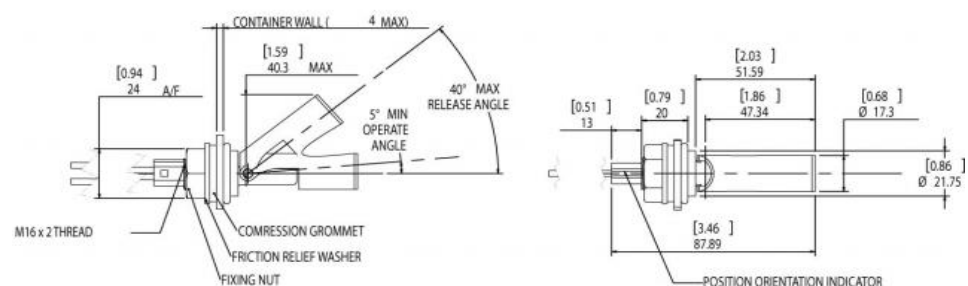
From our range of horizontal liquid level sensors which offer design engineers reed switch reliability. The design allows for sensing high or low liquid levels from the side of the tank.

dimensions

Internal Fitting



External Fitting



FEATURES

- High or low level sensing
- Internal or External fitting
- Reed switch reliability
- Silicone sealing washer/grommet
- Easy installation

APPLICATIONS

- Continuous 80°C in water
- Water high or low Level
- Condensate level alarm
- Drinking water level
- Cooling systems

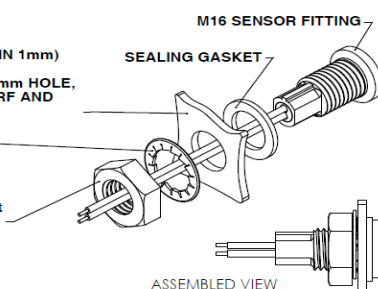
INTERNAL FITTING

CONTAINER WALL
(THICKNESS MAX 10mm, MIN 1mm)
NOTE! DRILL 0.65" OR 16.5mm HOLE,
ENSURE FREE FROM SWARP AND
SHARP EDGES.

LOCK WASHER

FIXING NUT

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



ASSEMBLED VIEW

EXTERNAL FITTING

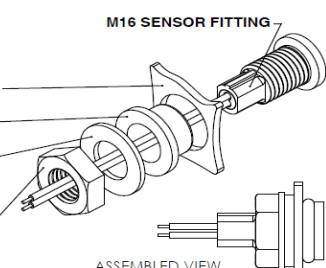
CONTAINER WALL
(THICKNESS MAX 4mm, MIN 1mm)
NOTE! DRILL 0.9" OR 23mm HOLE,
ENSURE FREE FROM SWARP AND
SHARP EDGES.

SEALING GROMMET

FRICTION RELIEF
WASHER

FIXING NUT

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



ASSEMBLED VIEW

performance specifications

Material, Design and Operation

Mounting	Horizontal
Housing Material	Glass Filled Polypropylene
Housing Colour	Charcoal
Float Material	Glass Filled Polypropylene
Float Colour	Charcoal
Contact Form	A
Contact Material	Ruthenium
Maximum Switching Volts (VAC)	250
Maximum Switching Volts (VDC)	200
Maximum Switching Current (Amp)	1
Maximum Power (Watt)	40
Connection Type	Stripped Cables
Cable Type	18AWG, 32/0.2mm PVC insulated
Cable Length	2 x 0.5M single insulated
Cable Colour	Black/Black
Minimum Specific Gravity	0.65
Operate Temperature Range	-30° to +105°C
Medium/Liquid	Water
Sealing Component	Silicone Washer/Silicone Grommet
Mounting Shock	50g for 11mS duration
Operate Mode	N/C with float horizontal
IP Rating	IP65

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ordering info

The LS403-51 is from our LS Series of horizontal Level Sensors.

The Series is available in alternative with a number of standard options including:

- Housing and float materials
- Reed Switch configurations
- Maximum load switching abilities
- Installation Methods
- Sealing materials
- Cable types and lengths
- UL Listed part numbers

Please see the LS Series part number tree.