



# Smart Reservoir

## Variable Volume Reservoir

Adjustable low level sensing pressure switch

LS1M12

**Smart Reservoir inc.**  
812 boul Industriel  
Bois-des-Filion, QC  
J6Z 4S7, Canada  
(450) 965-9669  
[www.variablevolumereservoir.com](http://www.variablevolumereservoir.com)

# Adjustable low level switch

## LS1M12 Specifications

Adjustment range: 0.55 – 3.5 PSI ( 0.04 – 0,24 bar)

Avg differential: 0.07 – 0.2 PSI (0,005 – 0,015 bar)

Repeatability:  $\pm$  1PSI or 5% of set point

Max pressure: 150 PSI (10 bar)

Switch type: SPDT

Switch rating: 12/24 Vdc & 125/250Vac, 5A

Diaphragm: Kapton

Temperature range: -40°F - +230°F ( -40°C - 110°C)

Terminal: M12, 3 pins

Connection port: SAE-6

### Pressure setting

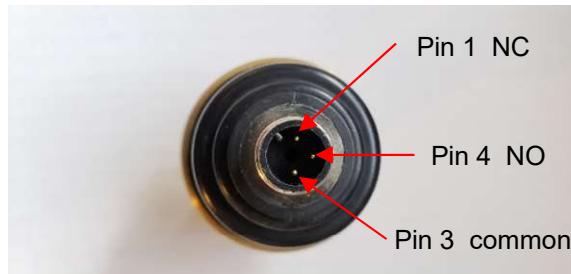


5/64" Allen key

cw = P↑

ccw = P↓

### M12 pin out



### M12 cable x 2m

Blue - common

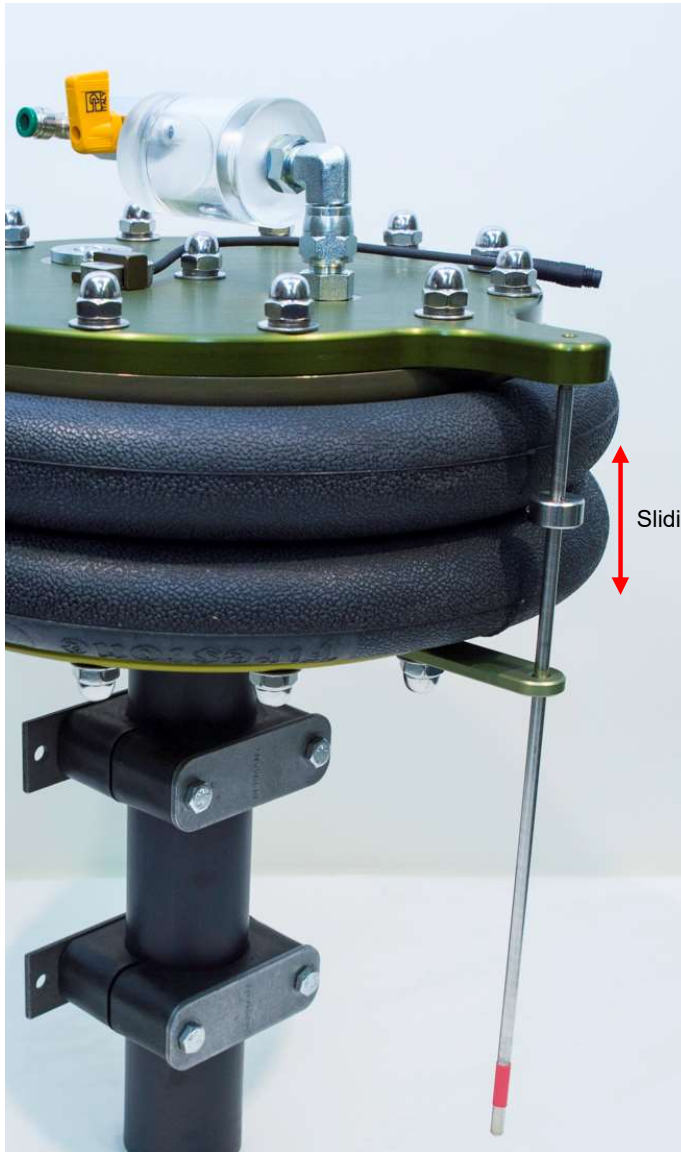
Brown - NC

White – not used

Black - NO



## Alternate level sensing options



Inductive sensor



Mechanical switch