



## **EVS312-51N**

### **EVS Series • Top or Bottom • Level Sensor**

#### **Features**

- ◆ Internal or External fitting
- ◆ Suitable for a wide range of Chemicals
- ◆ Repeatability of operation
- ◆ Reed switch reliability

#### **Comments**

- ◆ Stem length 223.5mm
- ◆ Two Position Level Switching
- ◆ High and Low Level Switch Points
- ◆ Nylon stem and float
- ◆ M16 Fitting

#### **Applications**

- ◆ Fuel low level
- ◆ Diesel Fuel
- ◆ Low Oil Detection
- ◆ Alcohols
- ◆ Organic Solvents

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### Material

Housing Material	Nylon 6.6	Cable Length	3 x 0.5M single insulated
Float Material	Glass filled Nylon 6.6	Connection Type	Stripped Cables
Contact Material	Ruthenium	Cable Type	18AWG, 16/0.025mm PVC insulated
Float SG	0.74	Cable Colour	Yellow/Blue/Black
Operating Temperature °C	-30 to 110		
Medium	Fuel/Oil		
Housing Colour	Blue		
Float Colour	Blue		

### Mechanical Specifications

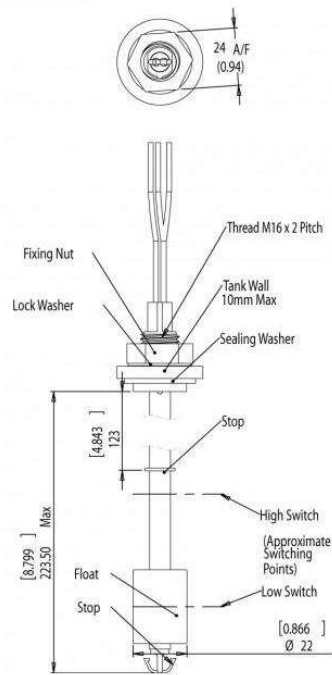
Shock	50g for 11mS duration	Thread	M16
Vibration	35g up to 500Hz	Fitment	Universal Internal or External
Maximum Pressure	4.7 Bar	Mounting	Vertical
Float Diameter	22mm		
IP	IP65		

### Switching

Switch Action (Reed Switch)	2 x SPST
Max Switching Voltage VDC	175
Max Switching Voltage VAC	125
Max Switching Current Amps	0.4A DC/0.28A AC
Max Switching Load Watt	5
Operate Mode	Both switches normally closed at bottom stop
Contact Form	A + B

### Technical Drawing

EVS Generic M16 Internal



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