

BVS-01

Bottle Vertical Level Sensor

BVS Series

- Fits 1L bottle
- Low level sensing
- Goes closed circuit as liquid level drops
- Reed Switch Reliability (UL File E153493)
- Interface Option Available



The BVS-01

From our range of vertical liquid level sensors which offer design engineers reed switch reliability. The design allows for sensing low liquid levels from a standard Ink or beverage concentrate bottle. Provided with a liquid draw off tube to maximise liquid extraction. The design allows for rapid removal and installation of a full bottle.

FEATURES

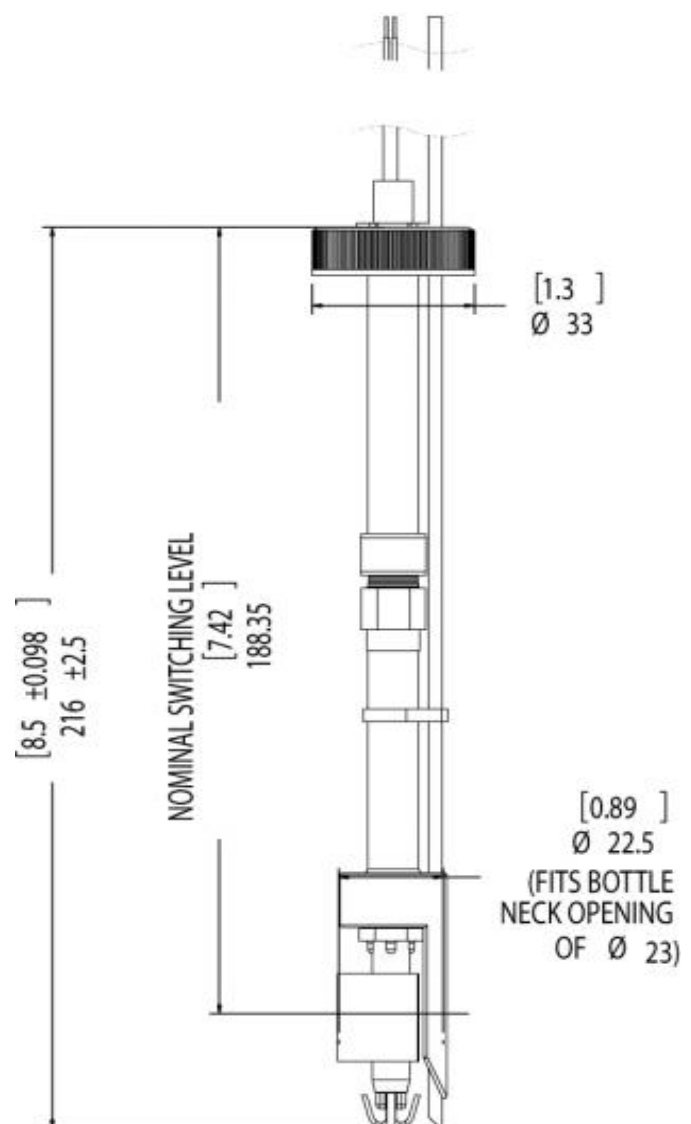
- PTFE suction pipe for liquid draw off
- Overall length less than 220mm installed
- 33mm Screw Cap
- External Fit
- Polypropylene Material

APPLICATIONS

- Additive low level
- Ink low level
- Water Low Level
- Concentrate Low Level

dimensions

BVS-01



performance specifications

Material, Design and Operation

Mounting	Vertical
Housing Material	Polypropylene
Housing Colour	Black
Float Material	Foamed Polypropylene
Float Colour	White
Contact Form	A
Contact Material	Ruthenium
Maximum Switching Volts (VAC)	200
Maximum Switching Volts (VDC)	200
Maximum Switching Current (Amp)	0.75
Maximum Power (Watt)	30
Connection Type	Stripped Cables
Cable Type	22AWG, PVC insulated
Cable Length	2 x 0.5M single insulated
Cable Colour	White outer Blue/Brown inner
Minimum Specific Gravity	0.65
Operate Temperature Range	-30°C to +85°C
Medium/Liquid	Water/Ink
Sealing Component	EPDM Cap Seal
Mounting Shock	50g for 11mS duration
Operate Mode	N/C with float at bottom stop
IP Rating	IP65

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ordering info

The BVS-01 is from our BVS Series of Bottle Vertical Level Sensors.

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

- 38mm cap size
- Shorter length for 0.5L bottle

Please see the BVS Series part number tree.