



Switching, Sensing and Control Solutions

from GENTECH INTERNATIONAL LTD

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EVS SERIES

EXTENDED VERTICAL LIQUID LEVEL SENSORS



DESIGN FEATURES

- High or low level sensing
- Both switches normally closed with float down
- Glass filled Nylon 6.6 or brass material
- Externally fit option with compression grommet
- Internal fit option
- Sealing washers and materials suitable for a wide range of chemicals
- Reed switch reliability
- Temperature range up to 130°C
- Minimum SG 0.65

Operational Characteristics

Contact Configuration		HIGH SWITCH SPST	LOW SWITCH SPST
Contact ratings Maximum (resistive loads)	Volts DC	100	100
	Volts AC	70	250
	Amps	0.3	1.0
	Watts	3	15
	Minimum withstand across open contacts (Ref)	Volts	200
Initial Contact resistance	Ohms	0.25	0.25
Cable colours		Black	Black
		White	Yellow

The above contact ratings are for resistive loads. For inductive, capacitive and tungsten filament lamp loads refer to the circuit protection notebook number 8/93/23/33343.

Environmental Specifications

Housing and Float Material

Operating Temperature

Glass filled Nylon 6.6	-30° to +130°C Minimum SG 0.9
Brass housing with Glass filled Polypropylene float	-30° to +110°C Minimum SG 0.65
Silicone sealing washer/compression grommet	

Detailed chemical resistance information for specific liquids is available on request.

Mechanical Specification

Mounting Position	Operate Window	Shock	Vibration
± 15° from horizontal	operation by float stop	50g for 11ms duration (reed switch only)	35g up to 500Hz (reed switch only)

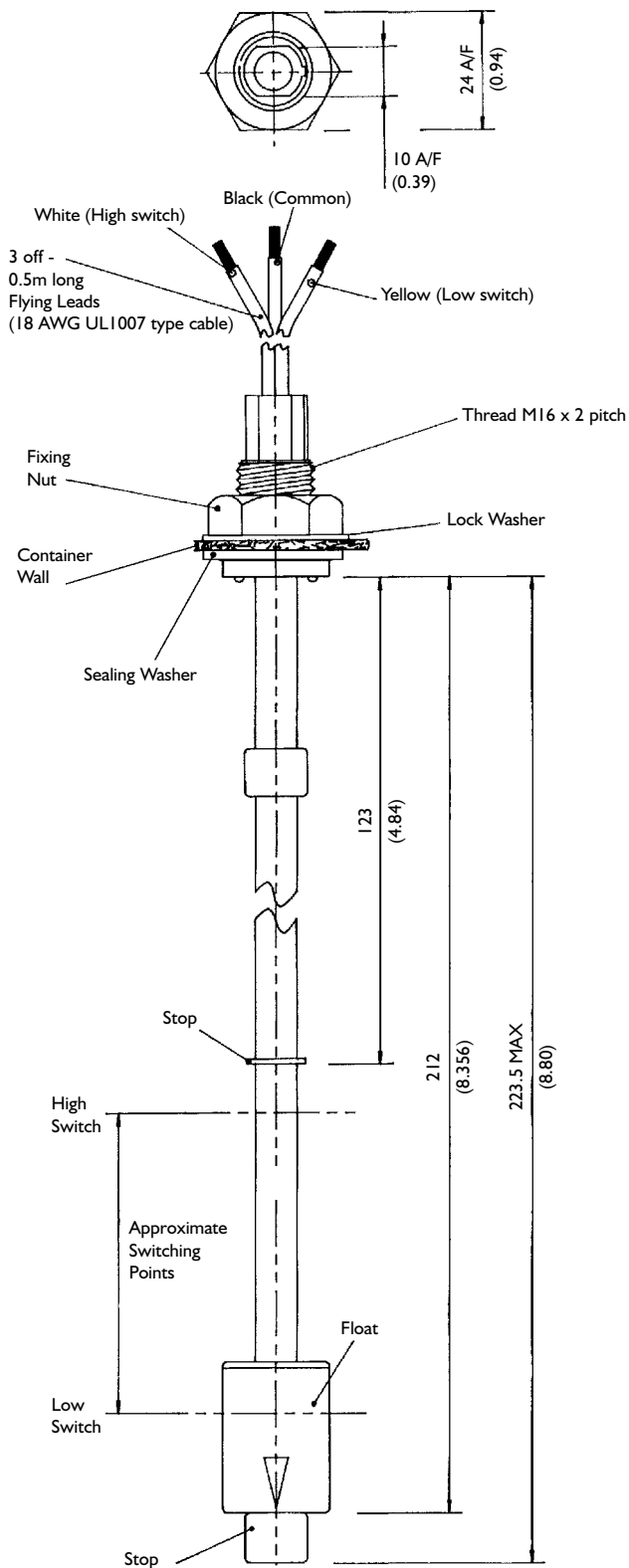
Electrical Connections

Fitted with 3 x 18 AWG, 16/0.25mm stranded, with PVC insulation.

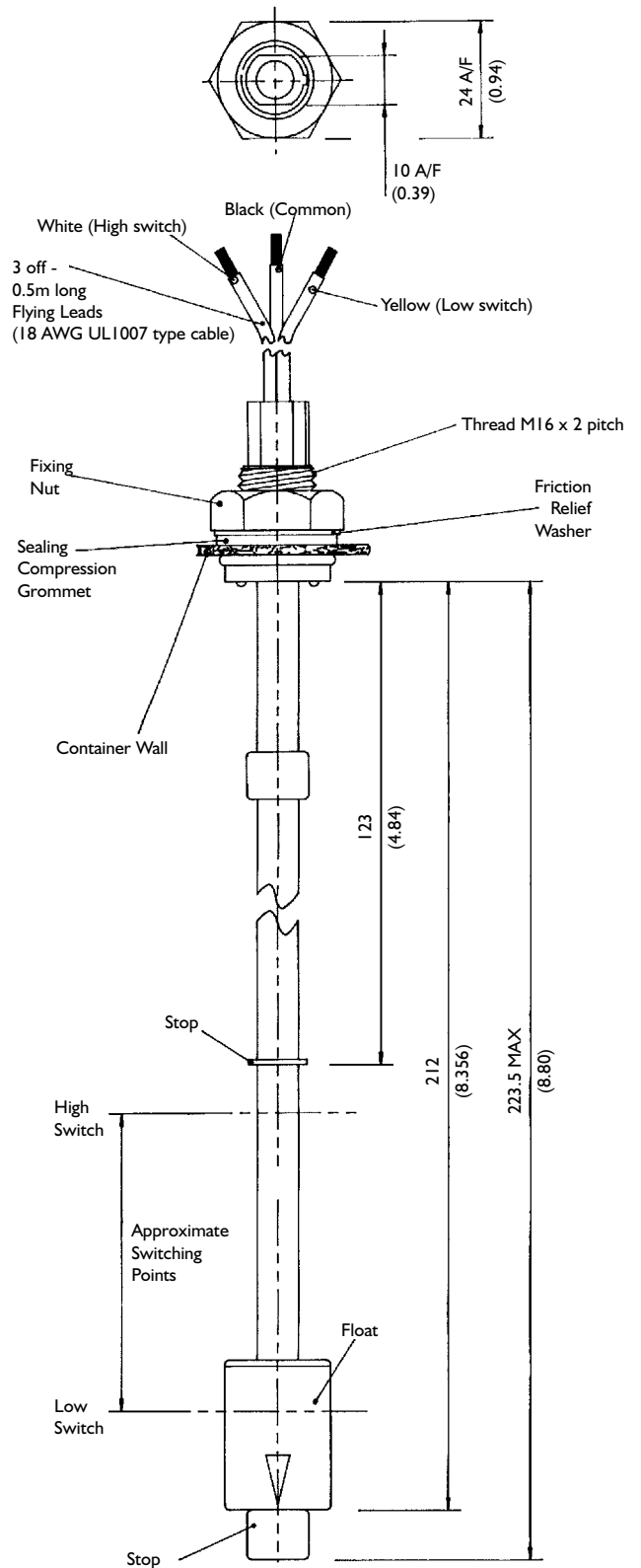
PLEASE NOTE

Due to the vast number of permutations available in the EVS Series, the details shown on this data sheet are for your guidance only. Please contact Sales at Gentech to discuss your precise requirements

INTERNAL FIT



EXTERNAL FIT



Installation

Please contact Sales at Gentech for installation instructions (Ref. FI-0700-R1)

Applications

Please contact Sales at Gentech for applications relating to this product group.



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