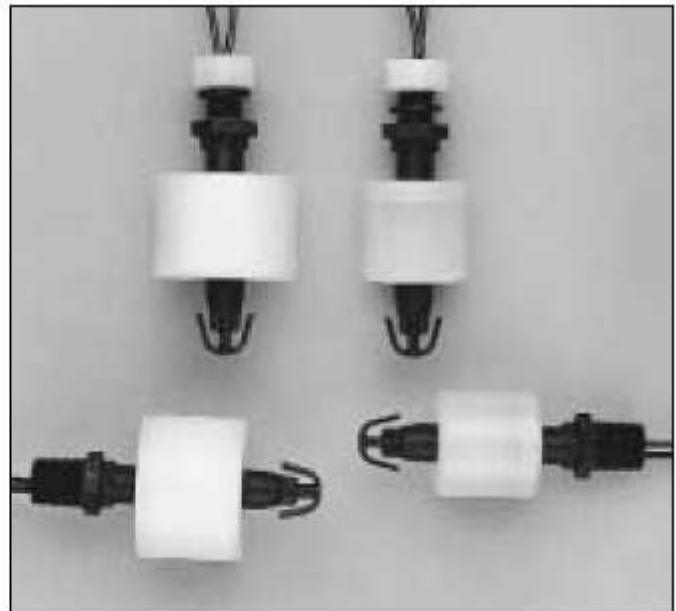


VCS SERIES

VERTICAL LIQUID LEVEL SENSORS



Operational Characteristics

Contact Configuration		SPST
Contact ratings maximum (resistive loads)	Volts DC	100
	Volts AC	250
	Amps	1.0
	Watts	15
Minimum withstand across open contacts	Volts	800
Initial contact resistance	Ohms	0.25

The above contact ratings are for resistive loads. For inductive, capacitive and tungsten filament lamp loads refer to the circuit protection notebook.

When the non magnet end of the float is positioned against the float stop (as shown in the drawings over) the switch contacts are closed. The switch function can be changed from contacts normally closed to contacts normally open by simply compressing the float stop arms, removing and reversing the float and reassembling.

Environmental Specifications

HOUSING AND FLOAT MATERIAL	Polypropylene (VCS-01,02,03 & 04)	Nylon 6.6 (VCS-05 & 06)
NITRILE 'O' RING		
OPERATING TEMPERATURE	-30° to +70°C	-30° to +70°C

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

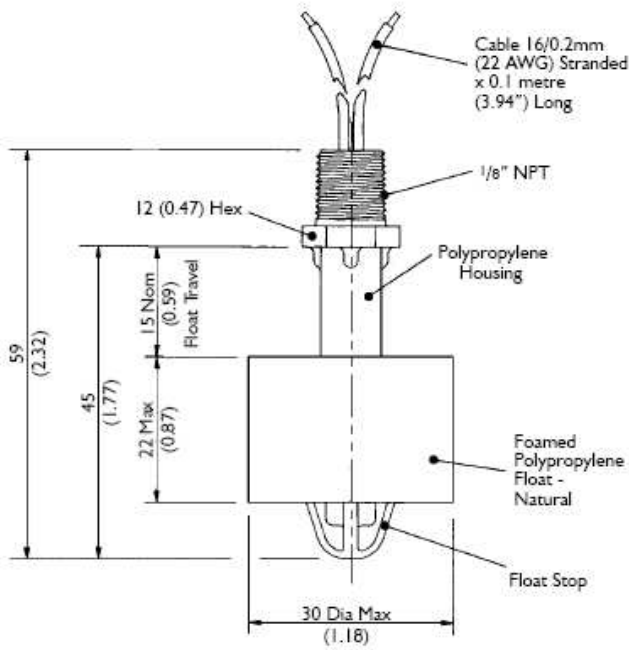
Mechanical Specification

Mounting Position	Operate Window	Shock	Vibration
±15° from vertical	within 5mm (0.196") from float stop	50g for 11ms duration (reed switch only)	35g up to 500Hz (reed switch only)

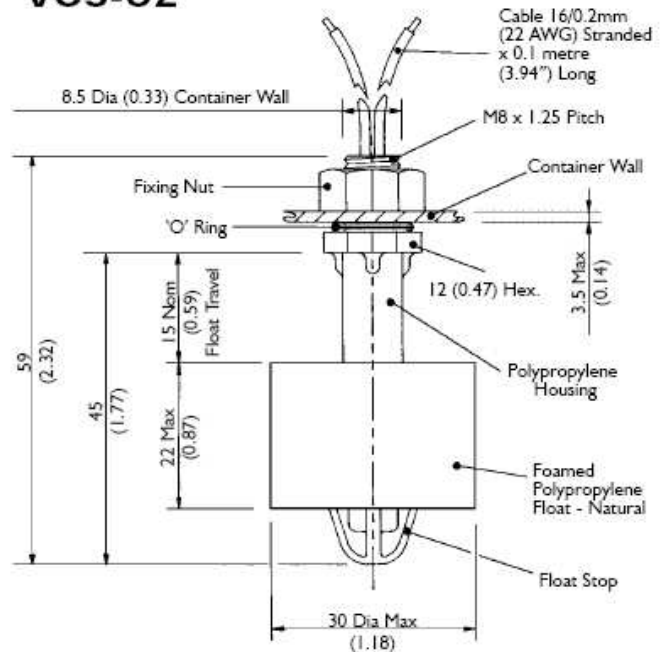
Electrical Connections

Fitted with 2 x 0.1 metres of 22 AWG, 16/0.2mm stranded, with PVC insulation.

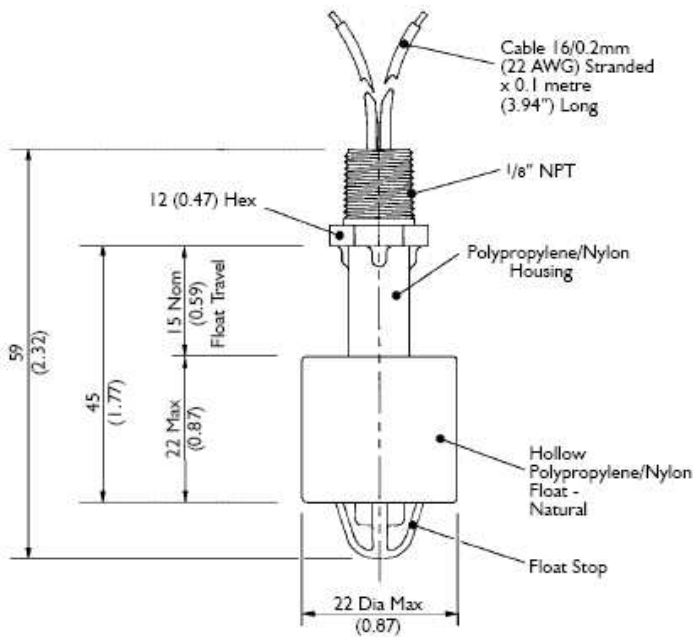
VCS-01



VCS-02



VCS-03/VCS-05



VCS-04/VCS-06

