

VCS-05

VCS Series • Top or Bottom • Level Sensor

Features

- ◆ Overall length less than 60mm
- ◆ Internal Fit
- ◆ 22mm diameter float
- ◆ Nylon 6.6 material

Comments

- ◆ High or Low level sensing
- ◆ N/O or N/C by float reversal
- ◆ Reed Switch Reliability (UL File E153493)
- ◆ Encapsulated Magnet
- ◆ Interface Option Available

Applications

- ◆ Fuel level
- ◆ Sump level
- ◆ Alcohol level
- ◆ Organic Solvents level
- ◆ Chemical level

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Material

Housing Material	Nylon 6.6
Float Material	Nylon 6.6
Contact Material	Ruthenium
Float SG	0.66
Operating Temperature °C	-30 to 105
Medium	Fuels & Oils
Housing Colour	Blue
Float Colour	Blue

Cable

Cable Length	2 x 0.1M
Connection Type	Stripped Cables
Cable Type	22 AWG 16/0.2mm PVC insulated
Cable Colour	Black/Black

Mechanical Specifications

Shock	3 half-sine pulses of 11mS, 30G
Vibration	35g up to 500Hz
Float Diameter	22.3mm
IP	IP65

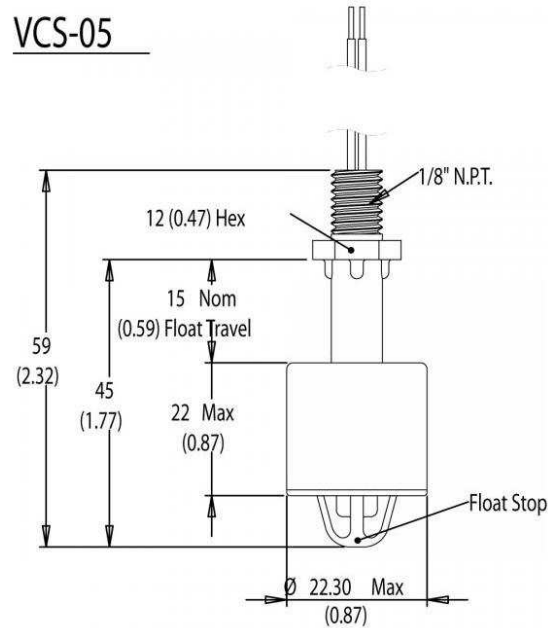
Mounting

Thread	1/8
Fitment	Internal Fit
Mounting	Top or Bottom entry

Switching

Switch Action (Reed Switch)	SPST
Max Switching Voltage VDC	200
Max Switching Voltage VAC	250
Max Switching Current Amps	1
Max Switching Load Watt	30
Operate Mode	N/C with float at bottom stop
Contact Form	A

Technical Drawing



NORTH AMERICA

Measurement Specialties, Inc.,
a TE Connectivity Company
Phone +1-800-522-6752
Email: customercare.hmpt@te.com

EUROPE

MEAS Deutschland GmbH(Europe)
a TE Connectivity Company
Phone: +49-800-440-5100
Email: customercare.tlse@te.com

ASIA

Measurement Specialties (China), Ltd.,
a TE Connectivity Company
Phone: +86-0400-820-6015
Email: customercare.shzn@te.com

TE.com/sensorsolutions

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