



## VCS-02

### VCS Series • Top or Bottom • Level Sensor

#### Features

- Overall length less than 60mm
- Internal Fit
- 30mm diameter float
- Polypropylene Material

#### Comments

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

#### Applications

- Water high or low Level
- Condensate level alarm
- Chemical high or low level
- Cooling systems
- Coolant level indication

## VCS-02

VCS Series • Top or Bottom • Level Sensor

### Material

<b>Housing Material</b>	Foamed Polypropylene	<b>Cable Length</b>	2 x 0.1M
<b>Float Material</b>	Polypropylene	<b>Connection Type</b>	Stripped Cables
<b>Contact Material</b>	Ruthenium	<b>Cable Type</b>	22 AWG 16/0.2mm PVC insulated
<b>Float SG</b>	0.64	<b>Cable Colour</b>	Black/Black
<b>Operating Temperature °C Medium</b>	-30 to 70		
<b>Housing Colour</b>	Black		
<b>Float Colour</b>	White		

### Mechanical Specifications

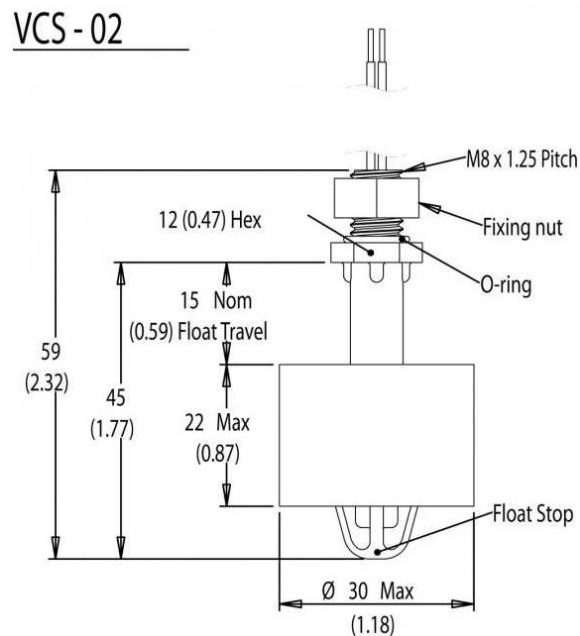
<b>Shock</b>	3 half-sine pulses of 11mS, 30G	<b>Thread</b>	M8 x 1.25mm
<b>Vibration</b>	35g up to 500Hz	<b>Fitment</b>	Internal Fit
<b>Maximum Pressure</b>	1.3 Bar	<b>Mounting</b>	Top or Bottom entry
<b>Float Diameter</b>	30mm		
<b>IP</b>	IP65		

### Mounting

### Switching

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

### Technical Drawing



### NORTH AMERICA & EUROPE

MEAS Deutschland GmbH  
a TE Connectivity Company  
Hauert 13  
D-44227 Dortmund  
Germany  
Phone: +49-(0)231-9740-0  
Fax: +49-(0)231-9740-20  
Email: info.de@meas-spec.com

### ASIA

Measurement Specialties (China), Ltd.,  
a TE Connectivity Company  
No. 26 Langshan Road  
Shenzhen High-Tech Park (North)  
Nanshan District, Shenzhen 518057 China  
Tel +86 755 3330 5088  
Fax +86 755 3330 5099

### te.com/sensorsolutions

Measurement Specialties, Inc., a TE Connectivity company.

Measurement Specialties, MEAS, TE Connectivity, TE Connectivity (logo) and EVERY CONNECTION COUNTS are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2016 TE Connectivity Ltd. family of companies All Rights Reserved.