



VCS-07

VCS Series • Top or Bottom • Level Sensor

Features

- ◆ Overall length less than 60mm
- ◆ Internal Fit
- ◆ 22mm diameter float
- ◆ PPS/Kynar 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

- ◆ Deionized Water Level
- ◆ Alcohols
- ◆ Drinking water level
- ◆ Boiler heating element protection
- ◆ Boiling Water

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Material

Housing Material	Kynar	Cable Length	2 x 0.1M
Float Material	PPS	Connection Type	Stripped Cables
Contact Material	Ruthenium	Cable Type	22 AWG 16/0.2mm PVC insulated
Float SG	0.85	Cable Colour	Black/Black
Operating Temperature °C	-30 to 110		
Medium	Hot Water		
Housing Colour	Neutral		
Float Colour	Black		

Mechanical Specifications

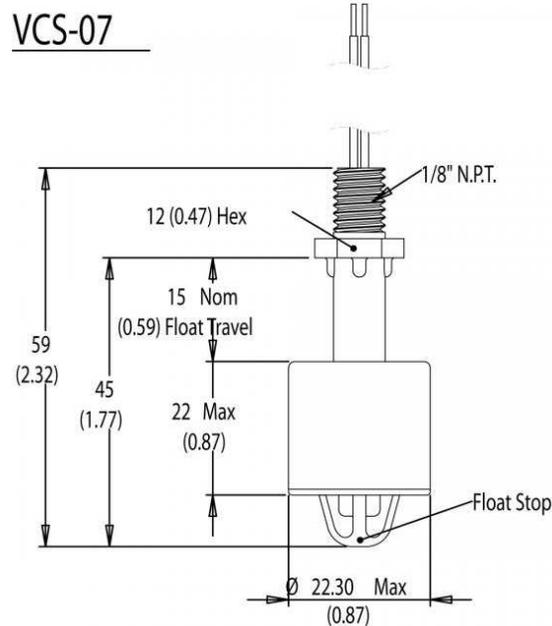
Shock	3 half-sine pulses of 11mS, 30G	Thread	1/8
Vibration	35g up to 500Hz	Fitment	Internal Fit
Float Diameter	22.3mm	Mounting	Top or Bottom entry
IP	IP65		

Mounting

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
Contact Form	stop 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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