

TANK ALARMS AND OVERFILL PREVENTION

Liquid Level Sensor



LIQUID LEVEL SENSOR

THE CTS PROBE IS MANUFACTURED IN THE UK AS A SINGLE ASSEMBLY SO THAT FLUID INGRESS IS ALMOST IMPOSSIBLE. IT IS CONSTRUCTED OF A NYLON FLOAT AND SHAFT TO ENSURE THAT THE FLOAT WILL OPERATE IN A LARGE RANGE OF LIQUIDS IN EXTREME TEMPERATURES. THE WEIGHT AND THE 1 1/2" CAP ARE BOTH BRASS TO GIVE THE PRODUCT THE STRENGTH AND THE DURABILITY THAT IS REQUIRED ON MOST INSTALLATIONS. IT IS AVAILABLE IN EITHER THE STANDARD FORMAT OR AS A MONITORED PROBE ENABLING THE ALARM TO INDICATE IF THE PROBE HAS BEEN TAMPERED WITH.

BESPOKE PROBES CAN BE MADE UPON REQUEST

DESIGN FEATURES

- OVERALL LENGTH LESS THAN 60MM
- M8 X 1.25MM FITTING
- INTERNAL FIT
- 22MM FLOAT DIAMETER
- NYLON 6.6 MATERIAL

PRODUCT COMMENTS

- HIGH OR LOW LEVEL SWITCHING
- NORMALLY OPEN OR NORMALLY CLOSED BY FLOAT REVERSAL
- REED SWITCH RELIABILITY (UL FILE E153493)
- ENCAPSULATED MAGNET
- INTERFACE OPTION

TYPICAL APPLICATIONS

- FUEL LOW LEVEL
- SUMP LEVEL
- ALCOHOLS
- ORGANIC SOLVENTS
- CHEMICAL HIGH OR LOW LEVEL

MATERIAL, DESIGN & OPERATION

- MOUNTING: TOP OR BOTTOM ENTRY
- MATERIAL: NYLON 6.6
- FITTING: INTERNAL FITTING
- CONTACT FORM: FORM A-SPST
- CONTACT MATERIAL: RUTHENIUM VCS-06041 VCS-06047
- RESISTOR PARALLEL: N/A 1 X 1/4W 10K
- RESISTOR SERIES: N/A 1 X 1/4W 4K7
- MAXIMUM SWITCHING VOLTS: 250 VAC/ 50 VDC 100 VDC
- MAXIMUM SWITCHING CURRENT: 1.0A 5MA
- MAXIMUM POWER: 30 WATT 0.25 WATT
- HOUSING TEMPERATURE RANGE: 105
- HOUSING MATERIAL: GLASS FILLED NYLON 6.6
- HOUSING COLOUR: BLUE
- FLOAT MATERIAL: GLASS FILLED NYLON 6.6
- CONNECTION TYPE: STRIPPED CABLES
- CABLE TYPE: 5.0M CABLE 22 AWG 7/30 GREY 2 CORE
- CABLE COLOUR: GREY
- MINIMUM SPECIFIC GRAVITY: 0.7
- OPERATING TEMPERATURE RANGE: 105
- MEDIUM/LIQUID: FUELS & OILS
- SEALING COMPONENTS: NITRILE
- MOUNTING SHOCK: 50G FOR 11 MS DURATION
- OPERATE MODE: N/O WITH FLOAT DOWN

	CODE
Single Alarm Probe	SWS 1035
Double Alarm Probe Single Cap	SWS 1035/2