CSS SERIES
Capacitance Liquid Level Switch

Level pro

- **Capacitance Sensing Technology**
- **No Moving Parts**
- **Excellent Chemical Resistance**
- **Adjustable Length**

Cord Grip

Polycarbonate Housing

Field Adjustable

2" Thread Directly into Bulkhead Fitting

HDPE Probe

Up

Down

Sensing Face

NEMA 4X High Impact Conduit Housing

Viton® O-ring Seal
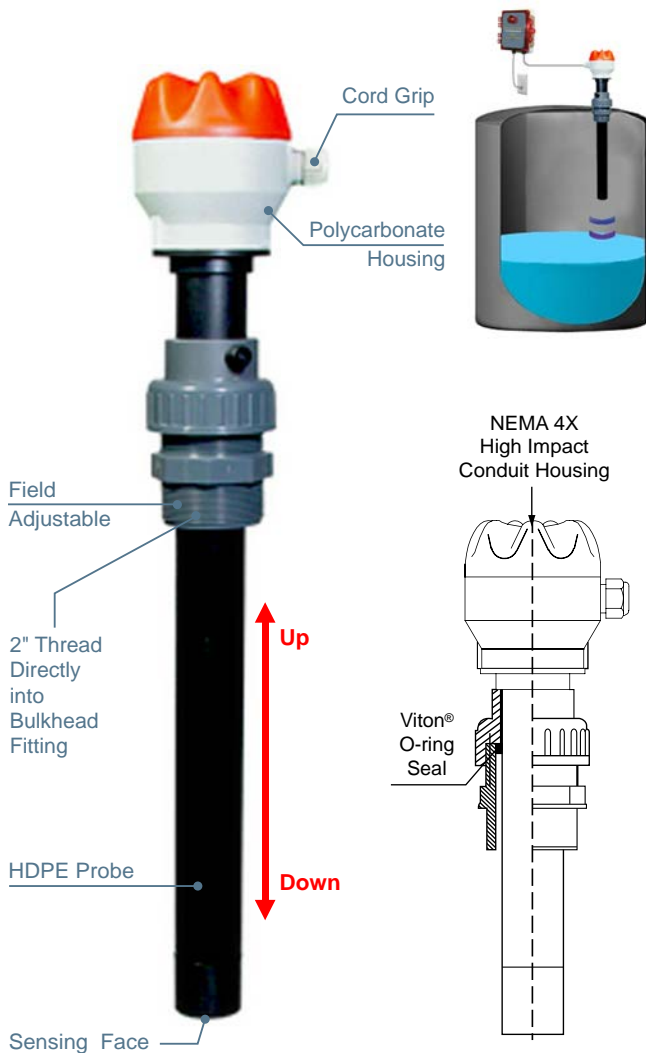
APPLICATIONS

- High Level
- Low Level
- Corrosive Liquids

PRINCIPLE

- The Levelpro CSS is designed to detect level of conductive liquids

The Levelpro CSS has 2 Different Possible Transmissions :

- Low voltage Relay contact output (50VAC/DC max / 0.5A max / 10VA)
- Direct connection to a ProAlert 1000

SPECIFICATIONS

|	
Main Power Supply	15 - 26VDC
Relay Output	Normally Closed / 0.5A
Ambient Temp	-20 - 60°C / -20 - 140°F
Operating Pressure	Atmospheric / 60 psi
Terminal Housing	High Impact Polycarbonate – Glass Filled
Probe Material	HDPE
Process Connection	2" PVC – Adjustable Immersion Depth
Standard Lengths	20" / 28" / 36" / Other Lengths on Request
Status Display	1 LED (Green) inside the terminal housing

DIMENSIONS

L   4.7"

3.5"
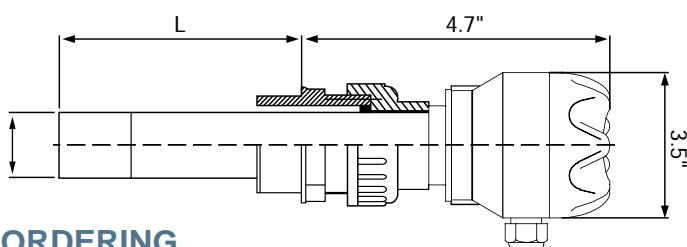
ORDERING

Code	Reference	Designation
CSS	100	L = 20"
CSS	500	L = 28"
CSS	1000	L = 36"

* Example - CSS100 - Level Switch with Length of 20"
* Consult Factory - Other lengths available

CONNECTOR AND PCB

Green LED

OUT   POWER   TEST
S S   + I   C T

(10) (12)

Level pro
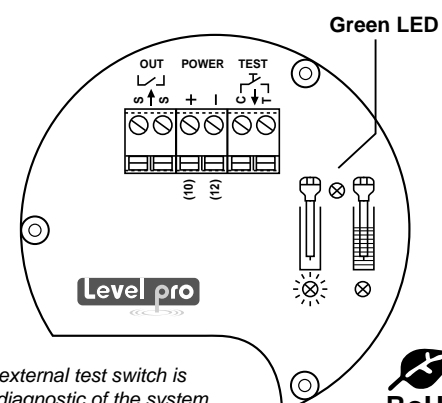
NOTE: The external test switch is useful for a diagnostic of the system. It is not necessary for the detection mode.

RoHS Compliant   CE