

### DESCRIPTION

Coto Technology's range of Vertical Liquid Level Sensors have been designed for use with many types of fluid to reliably indicate high or low levels depending on mounting position. They are manufactured with 10W or 70W (high power) contacts and are easily mounted from inside the tank. The complete range carry UL approval (pending).



### FEATURES

- Compact Size
- Fast Fitting
- NO or NC by rotating 180 degrees
- 10W or 70W contacts
- Materials to suit most fluids
- Custom Design Available
- UL Recognized under E258393
- RoHS Compliant 

### SPECIFICATIONS

Parameters	Unit	Switch 01	Switch 02
<b>Dimensions</b>			
Length	mm	35	35
Width	mm	-	-
Height	mm	-	-
<b>Wire Length</b>	mm	250	250
<b>Wire Color</b>		Black and Red	Black and Red
<b>Wire AWG</b>	AWG	24	24
<b>Specifications</b>			
<b>Contact Ratings</b>			
Switching Voltage	VDC	200	200/300
Switching Current	A	0.5	1.5
Carry Current	A	1.5	2.5
Contact Rating	VA	10	70
Contact Resistance	Max. Ohms	0.10	0.10
Contact Material		Ru	Rh
<b>Electrical Ratings</b>			
Insulation Resistance	Ohms	1 x 10 <sup>11</sup>	1 x 10 <sup>12</sup>
Operate Time	ms	0.5	0.8
Release Time	ms	0.2	0.1
Contact Life	Ops	1 x 10 <sup>9</sup>	1 x 10 <sup>9</sup>
<b>Operating Temperature</b>			
<b>Material</b>			
PP	°C	-30 to +85	-30 to +85
ABS	°C	-30 to +125	-30 to +125
316 Stainless	°C	-30 to +130	-30 to +130
PVDF	°C	-30 to +147	-30 to +147
PPS	°C	-30 to +150	-30 to +150 (metric)
	°C		-40 to +150 (NPT)
<b>Weight</b>	g	9.7	49

### ORDERING INFORMATION

A complete part number is represented by the digits below

LSV-X-X-X

Series	Thread
Material	A = NPT
1 = PP	B = Metric
2 = ABS	Contact Rating
3 = 316 Stainless	01 = 10W contact
4 = PVDF	02 = 70W contact
5 = PPS	

### MECHANICAL DIMENSIONS

Dimensions in mm

