

### DESCRIPTION

Coto Technology's range of Horizontal Liquid Level Sensors have been designed for external mounting with either a compression seal or 1/2' NPT taper thread. They are manufactured in a range of materials to suit most commonly used fluids. All models are available with either 10W or 70W (high power) contacts. The switch action can be reversed by simply rotating the device through 180 degrees.



### FEATURES

- External Mount
- Fast Fitting
- NO or NC by rotating 180 degrees
- 10W or 70W contacts
- Materials to suit most fluids
- Ideal when internal access is limited
- UL Recognized under E258393
- RoHS Compliant 

### SPECIFICATIONS

Parameters	Unit	Switch 01	Switch 02
<b>Dimensions</b>			
Length	mm	88	88
Width	mm	-	-
Height	mm	18	18
<b>Body Color</b>		Black/White	Black/White
<b>Wire Length</b>	mm	300	300
<b>Wire Color</b>		Black	Black
<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>11</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	-40 to +260 (metric)	-30 to 150
	°C	-30 to +150 (NPT)	
<b>Weight</b>	g	22	49

### ORDERING INFORMATION

A complete part number is represented by the digits below

LSH-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

