

CAPACITANCE TYPE LEVEL TRANSMITTER

SERIES : SC / L - 701

A new generation, Capacitance based level transmitter for any type of liquids. Eltran is based on the physical properties of capacitor. The sensor selection is based on the type of liquid and can be measured from 100mm to 1500mm with rugged probe and above 1500 till 15000 flexible probe.

TECHNICAL SPECIFICATION

Measuring Range	100 to 1500mm Rugged Probe / 1500 to 15000mm Flexible Probe
Transmitter Type	Loop Powered
Supply Voltage	12 to 24 V DC
Out Put	4-20mA @ Constant Current Load of 500Ω
Pressure Rating	6 kg/cm ²
Temperature	-20 to 100°C
Enclosure	Die Cast Aluminum Duly Approved Flame Proof Approved For IP 65/67
Resolution	2mm
Accuracy	± 0.25% FSR

MODEL CODING FOR CAPACITANCE TYPE LEVEL TRANSMITTER

Basic Model SC/701

SC/701	A	A	N	F	SS	TC	B	1
Conductivity								
Conducting	A							
Non Conducting	B							
Electrical Housing								
Flameproof		1						
Non Flameproof		1						
Isolaton								
Isolated			I					
Non Isolated			N					
Probe Type								
Flexible				F				
Rugged				R				
Probe MOC								
SS 316 with Teflon line					SS			
Aluminium					AL			
Process Connection Type								
TC						TC		
Flanged						FL		
Screwed						SC		
Special Bottom Fitting Plate (Only for DCLT)						SF		
Process Connection Size								
1/2"							A	
1'							B	
1 1/2"							C	
2							D	
3							E	
4							F	
Power Supply & Output								
24 VDC Supply & 4 – 20 mA output								1
24 VDC Supply & 0 – 5 VDC								2
24 VDC Supply & 0 – 10 VDC								3
24 VDC Supply & RS 485								4
24 VDC Supply & RS 232 (TTL)								5



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