

CAPACITIVE LEVEL SWITCH

CPLS1000

Proof Housing: IP66
Explosion Proof: EEx d IIC-T6, II 2 GD
No Moving Parts
Easy Installation

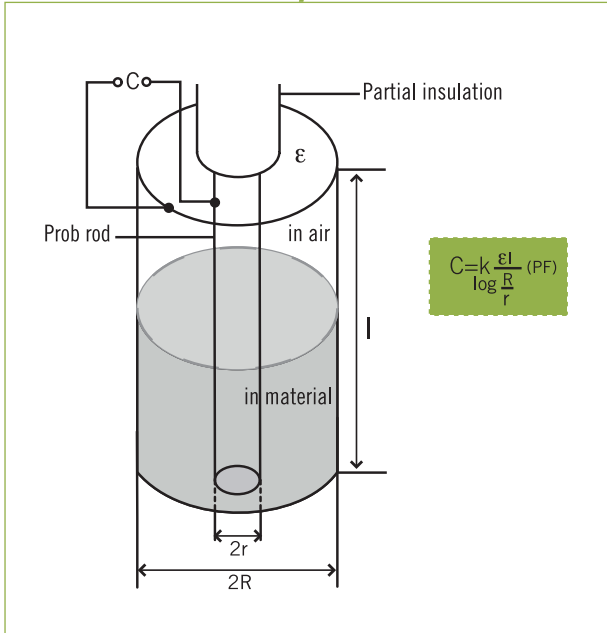
The New-Flow CPLS1000 is used for measuring process vessel at the specific one point for using level alarms or for interlocking level control system.

The New-Flow CPLS1000 has the ability to detect and measure both conductive and non-conductive media. CPLS1000 can be used in many industries for a wide range of applications such as water, oils, and a variety of corrosive materials.

Technical Data

Housing: Aluminum Alloy, IP66, Explosion proof
Probe Insulation Material: PTFE
Rode Probe: SS316, Hastelloy C276, Ni-200, PFA lining
Working Temperature Limit: -20°C ~ +120°C
Working Pressure Limit: 20 Kg/cm²
Process Connection: 1" NPT of thread or flange; ¾" optoin
Flange Connection: ¾" ~ 3", or consult to manufacturer
Operating Sensibility: 4 pf (adjustable)
Power Supply: 110VAC, 220VAC, 24VDC
Contact Form: SPDT
Contact Rating: NO/NC 10A/5A 120VAC
 NO/NC 7A/5A 240VAC

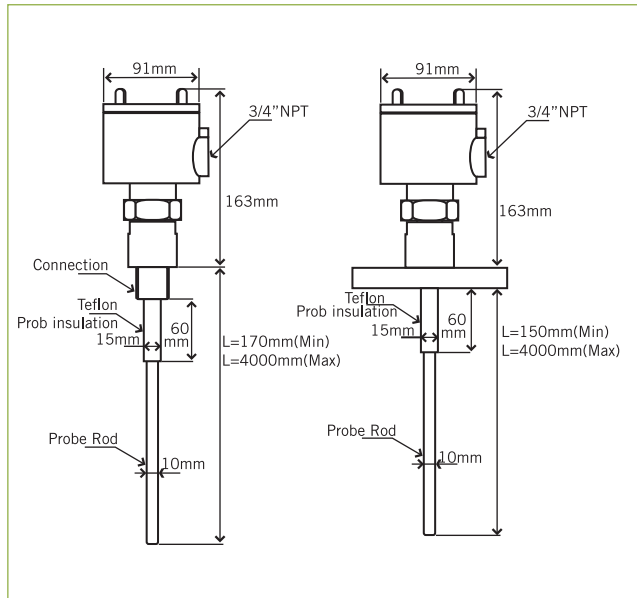
Measurement Principle



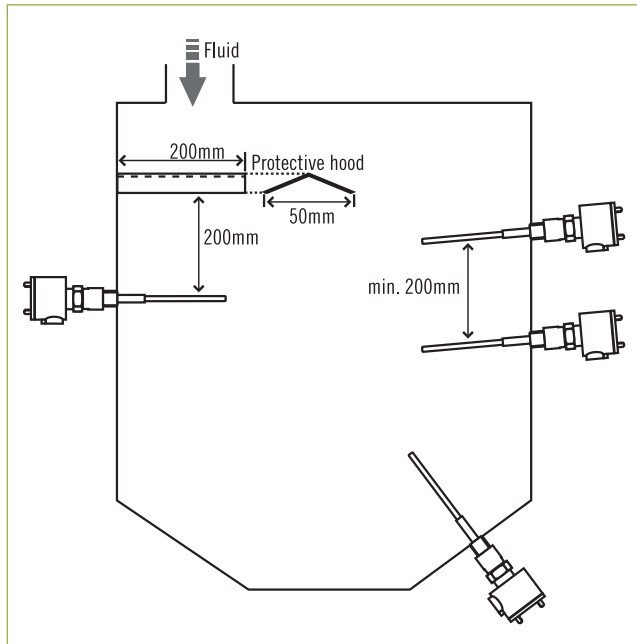
Approvals:



Dimensions



Installation Instruction



Ordering Information

CPLS1000	Code	Style	
↓	S	Standard (Max. Temp. 120°C)	
	↓	Code	Connection Size
			(1) 1" (2) 1½" (3) 2" (4) 3" (5) option (¾" only)
	↓	Code	Connect Rating
		Thread	(A) NPT (B) BSP
	↓	Flange	(C) JIS 10K (D) JIS 20K (E) ANSI 150# (F) ANSI 300# (G) PN16 (H) PN25 (O) Option
		Code	Connection material
	↓	A	SS316, standard
		B	Hastelloy C276
	↓	C	Ni-200
		D	other
	↓	Code	Conduit Size
1		¾" NPT	
↓	Code	PFA lining	
	Y	With PFA lining	
↓	N	Without PFA lining	
	Code	Insertion length	
↓	Please fill out the requested length in the ordering code.		
	Code	Power supply	
↓	A	110VAC	
	B	220VAC	
	C	24VDC	
CPLS1000			

Complete Ordering Code