CAPACITIVE LEVEL SWITCH
CPLS1000



Proof Housing: IP65
Explosion Proof: EExd IIC-T6
No Moving Parts
Easy Installation

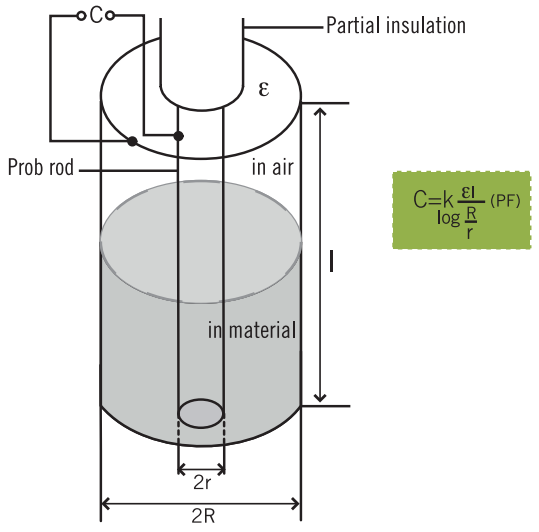
The New-Flow CPLS1000 is used for measuring process vessel at the specific one point for using level alarms or for interlocking level control system.

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.

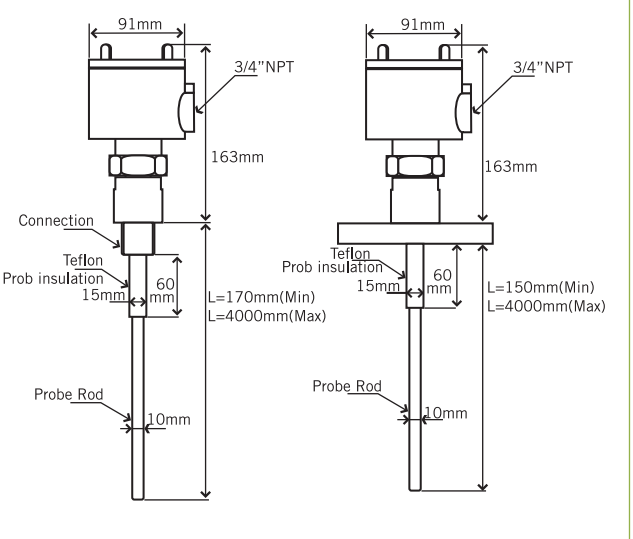
Technical Data

Housing: Aluminum Alloy, IP65, 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
Flange Connection: 1"~ 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

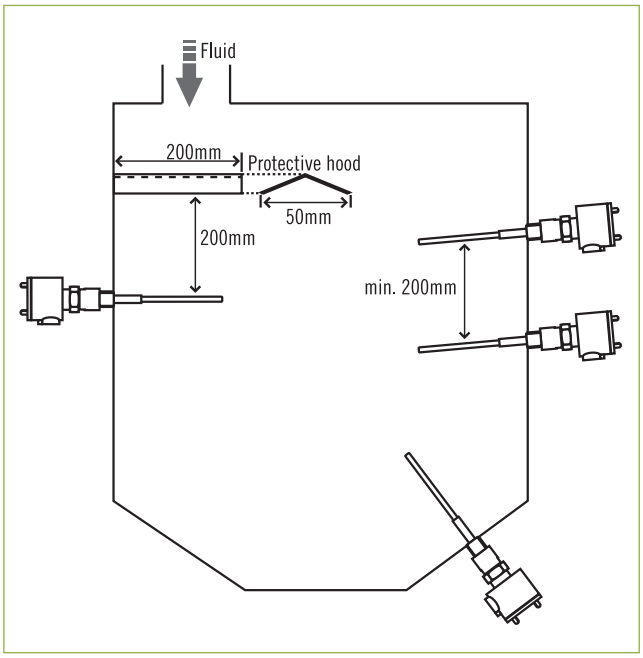
Measurement Principle



Dimensions



Installation Instruction



WWW.NEW-FLOW.DE | Tel: +49 3682 49099 | Fax: +49 3682 49093 | E-Mail: info@mess-regel.de

Ordering Information

CPLS1000	Code	Style
	S	Standard (Max. Temp. 120°C)

Code	Connection Size
	(1) 1" (2) 1½" (3) 2" (4) 3" (5) option

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

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