

CAPACITIVE LEVEL SWITCH

AI.CPLS1000



DESCRIPTION

Proof Housing: IP66 - Explosion Proof

No Moving Parts - Easy Installation

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

The AI.CPLS1000 has the ability to detect and measure both conductive and non-conductive such as water, oils and variety of corrosive materials.

TECHNICAL DATA

Housing: Aluminium alloy, IP66, Explosion proof

Probe Insulation Material: PTFE - **Rod Probe:** SS316, Hastelloy C-276, Ni-200 lining

Working Temp. Limit: -20 to +120°C

Working Pressure Limit: 20kg/cm²

Process Connection: 1" NPT of thread or flange; 3/4" option

Flange Connection: 3/4" - 3", or consult with the manufacturer

Operating Sensibility: 4 pf (adjustable)

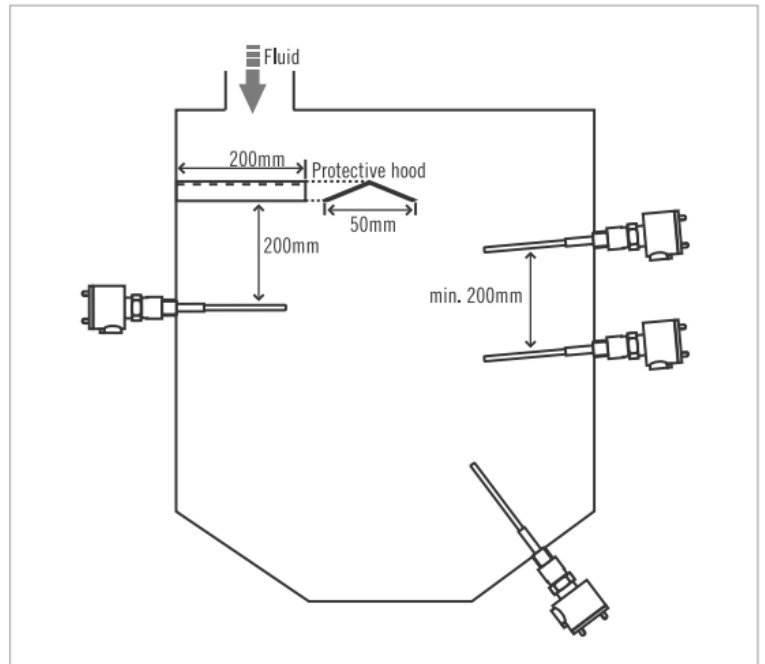
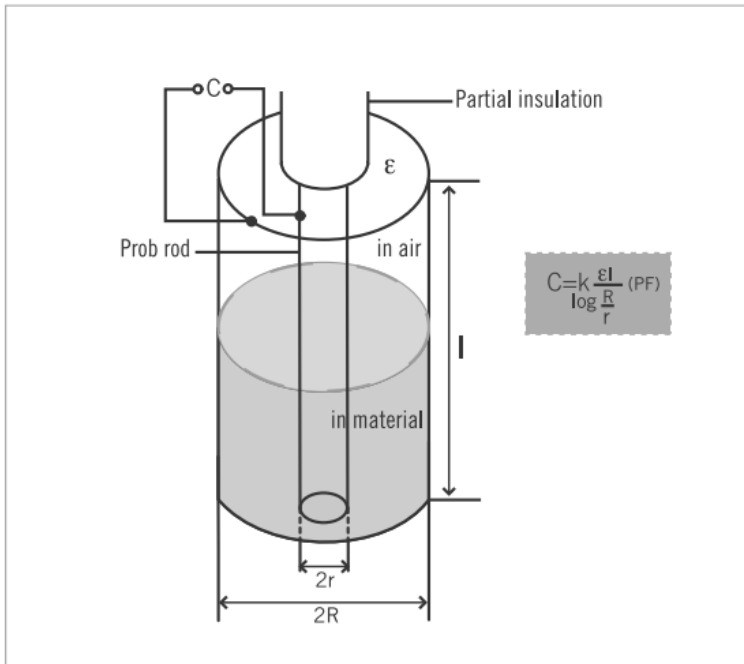
Power Supply: 110VAC, 220VAC, 24VDC

Power Consumption: 4VA

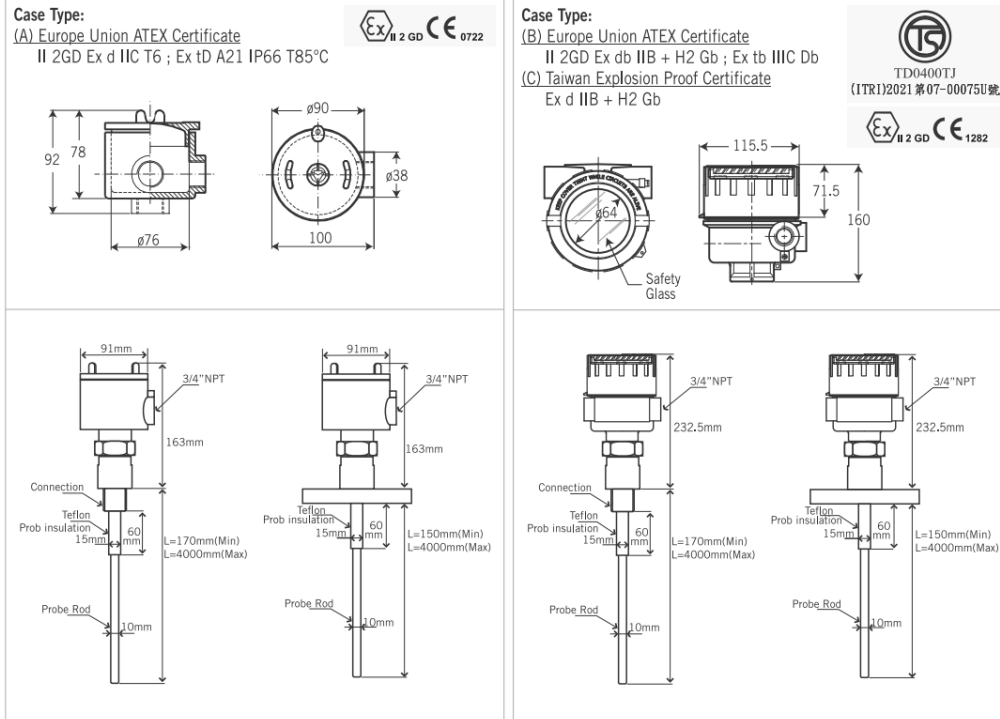
Contact Form: SPDT

Contact Rating: 10A 240VAC - 10A 24VDC

MEASUREMNET PRINCIPLE and INSTALLATION INSTRUCTION



CASE TYPE and DIMENSIONS - mm



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
		Code Explosion Proof Type (Ex. Certificate on Housing Only)
		A Europe Union ATEX Certificate II 2GD Ex d IIC T6 ; Ex tD A21 IP66 T85°C
		B Europe Union ATEX Certificate / L-1 II 2GD Ex db IIB + H2 Gb ; Ex tb IIIC Db
		C Taiwan Explosion Proof Certificate / L-1 Ex d IIB + H2 Gb
CPLS1000		Complete Ordering Code

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Le caratteristiche dichiarate possono cambiare senza alcun preavviso



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