

**ARANKA**Solution
with **Perfection**

CONDUCTIVITY /TDS ANALYZER CONTROLLER WITH CELL

SINGAL CHANNEL



ACT-96
SIZE : 96 X 96

DUAL CHANNEL

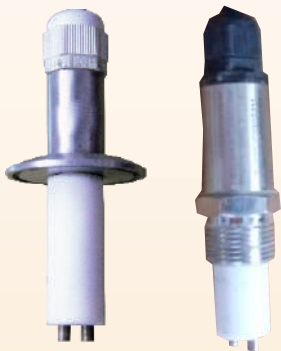


AICC35
SIZE : 96 X 96



AICC144
SIZE : 144 X 144

ACS CONDUCTIVITY SENSOR



SENSOR CELL
1K,10K



SENSOR CELL
0.01K,0.1K

**ARANKA**

CE -2209

ISO 9001:2015
COMPANY**ARANKA** INSTRUMENTS **LLP**

FACTORY. :

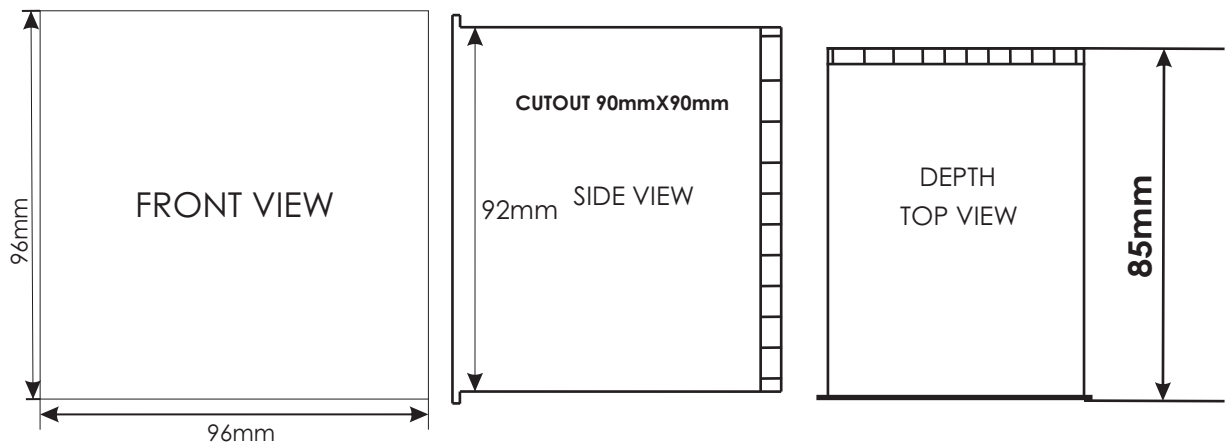
50, NILKANTH INDUSTRIAL PARK,
AMBIKA TUBE COMPOUND,
NEAR OVER BRIDGE VATVA, GIDC,
Vatva, Ahmedabad - 382445.Web : www.arankainstruments.come-mail : utkarsh@arankainstruments.com, contact@arankainstruments.com

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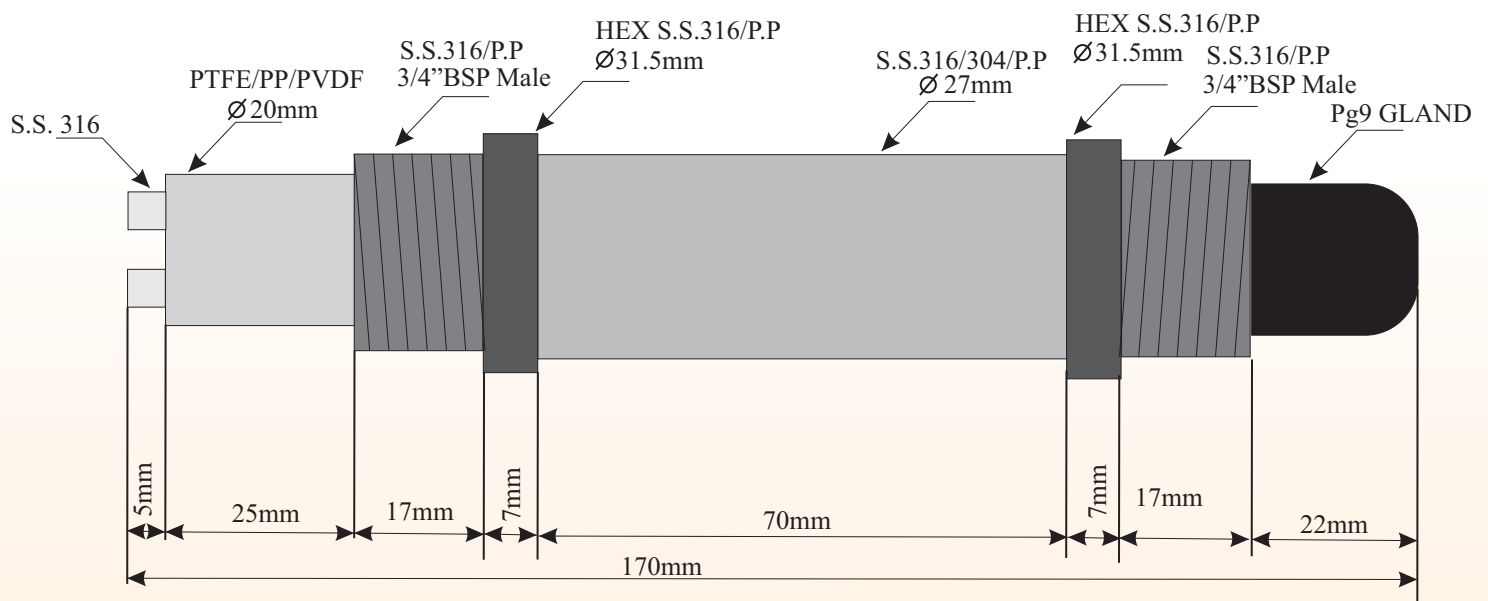
DIMENSION

Conductivity Controller

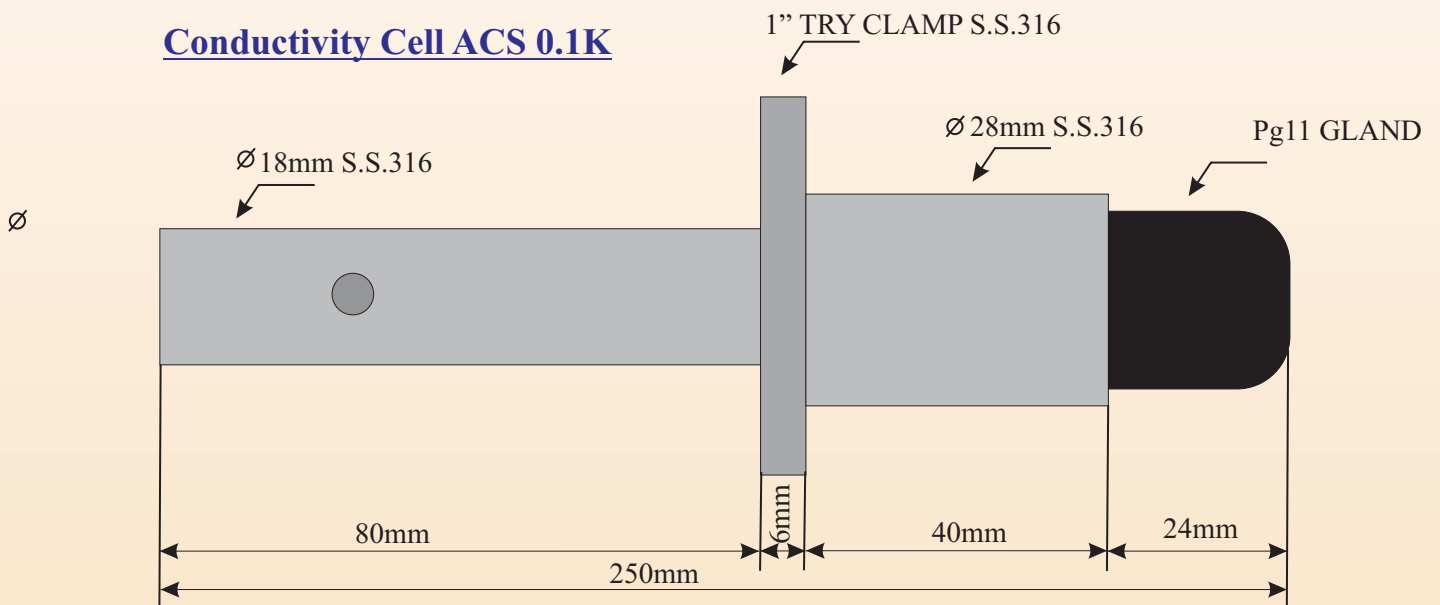


Conductivity Cell [Sensor]

Conductivity Cell ACS 1K



Conductivity Cell ACS 0.1K



**TECHNICAL SPECIFICATION FOR CONDUCTIVITY ANALYZER**

TYPE	ACT-96	AICC35	AICC144
POWER	90~260VAC	220VAC	110~250VAC
DISPLAY	LED	3.5" LCD	3.5" LCD
RANGE	0~10uS,0~200uS	0~10uS,0~200uS	0~10uS
unit in uS,mS & PPM	0~2000uS,0~20mS	0~2000uS,0~20mS	
TDS	0~200mS	0~200mS	
5A RELAY OUTPUT 1	YES	YES	YES
5A RELAY OUTPUT 2	YES [OPTIONAL]	YES [OPTIONAL]	YES
ANALOG OUTPUT 1	YES [OPTIONAL]	4~20mA	4~20mA
ANALOG OUTPUT 2	-	-	4~20mA
TEMP. COMPANSATION	AUTO	AUTO	AUTO
CONTROL	ON/OFF	ON/OFF	ON/OFF
INPUT CHANNEL	SINGLE	SINGLE	DOUBLE
COMMUNICATION	RS485 [OPTIONAL]	-	-
SIZE IN mm	96X96X85	96X96X120	144X144X85
CUTOOUT SIZE	92X92	92X92	142X142
BODY	ABS	ABS	ABS

ORDER CODE FOR ANALYZER

TYPE								
ACT -96	1							
AICC35	2							
AICC144	3							
POWER								
90~260 VAC		A						
24VDC		D						
RANGE								
0~10uS /0~6.4 PPM TDS			A					
0~200uS /0~128 PPM TDS			B					
0~2000uS/0~1280 PPM TDS			C					
0~20000uS /0~12800 PPM TDS			D					
0~200mS /0~128000 PPM TDS			E					
CUSTOMIZED RANGE			F					
DIGITAL OUTPUT								
NONE				0				
5A RELAY OUTPUT 1				1				
5A RELAY OUTPUT 2				2				
ANALOGUE OUTPUT								
NONE					0			
4-20mA					1			
0-5VDC					2			
COMMUNICATION								
NON						N		
RS485 MODBUS RTU						R		
BODY								
NON FLAME PROOF							N	
FLAME PROOF							F	

**TECHNICAL SPECIFICATION FOR CONDUCTIVITY CELL [SENSOR]**

TYPE	ACS [0.01K]	ACS [0.1k]	ACS [1k]	ACS [10k]
BODY	S.S. 316	S.S. 316	S.S. 316/NYLON	S.S. 316/NYLON
			ABS/ PP	ABS/PP
CONTACT PART	S.S. 316 & TEFLON	S.S. 316 & TEFLON	S.S. 316 & NYLON	TITANIAM & NYLON
			S.S. 316 & ABS	TITANIAM & ABS
			S.S. 316 & PP	TITANIAM & PP
CONNECTION	1" TC	1" TC	3/4" THREAD	3/4" THREAD
	3/4" THREAD	3/4" THREAD		
TEMPERATURE OUTPUT	PT-100	PT-100	PT-100	PT-100

ORDER CODE FOR SENSOR

TYPE CONDUCTIVITY SENSOR						
ACS						
CELL K						
0.01	A					
0.1	B					
1	C					
10	D					
TEMPERATURE O/P						
PT-100		A				
PT-1000		B				
NONE		N				
CONNECTION						
TC			1			
3/4" TREADE			2			
1"			3			
CABLE CONNECTION						
GLAND				1		
M12 DETACHABLE				2		
BODY						
S.S. 316					1	
S.S. 304					2	
NYLON [ONLY FOR 1K]					3	
PVDF [ONLY FOR 1K]					4	
PP [ONLY FOR 1K]					5	
PTFE					6	
ISOLATION						
NYLON [ONLY FOR 1K]						N
PVDF [ONLY FOR 1K]						V
PP [ONLY FOR 1K]						P
PTFE						T

