

	FLOW COMPUTERS				SHEET 1 OF 1	
	No.	BY	DATE	REVISION	SPEC. NO.	
					CSC&M-DS-I-014	
					REQ. - P.O.	
					DATE	
					17/05/2012	
PROJECT					BY	
SAS No. 439151					Jarenas	
					CHK'D	APPR.
					Jarenas	Mpadilla
GENERAL	1	Tag Number				
	2	Service			Flow Computer	
	3	Compliance			API Chapter 21	
PROCESS CONDITION	4	Meter Type: Rotary, Gas Turbine, Positive Disp., USM				
	5	Line Pressure			0	
	6	Process Temperature			95 °F	
	7	Fluid Process			Natural Gas	
	8	Natural gas composition range			Per AGA 8-1992	
	9	Max. Flow Range	Unit		0	MMSCFD
PROCESSOR/MEMORY	10	Processor	Speed	32-bit ARM 9	33 Mhz	
	11	Memory RAM			1 MB SRAM battery backed memory	
	12	FLASH			8 MB on-board Flash	
	13					
COMM	14	Signals Ports				
	15	Connections				
	16	Protocol				
	17					
ENVIROMENT	18	Intrinsically-Safe design			Clase 1 Div 2, Group C/D	
	19	Operating Temperature range			-40 to 70 °C	
	20	Operating Humidity range			15-95% non-condensing	
	21	Transients susceptibility			C37.90-1978 and IEC 801-5	
POWER	22	Power Input Range			See note 4	
	23	Alkaline Battery			See note 4	
	24	Solar Power System			See note 4	
	25	Solar Panel Cable Length (Ft)			0	
SENSORS	26	Pressure range	Accuracy	0-500 Psig	± 0.1 FS	
	27	RTD range	Accuracy	-17 to 66°C	± 0.1°C	
	28	RTD Type	Length	See note 2	See note 2	
	29	Differential Pressure	Accuracy			
INPUT	30	Discrete Input	Range	See note 1	Internally	
	31	Discrete Output	Range	See note 1	30 Vdc	
	32	Analog Input	Range	See note 1	4-20 mA/1-5	
	33	Analog Output	Range	See note 1	4-20 mA/1-5	
SOFTWARE FUNCTIONS	34	High Speed Counter	Frequency range	See note 1	0 to 10K HZ	
	35	AGA Calculations				
	36	Program			Standard	
	37					
OPTIONS	38					
	39	Thermowell			See note 2	
	40	Polyphaser			Sin Polyphaser	
	41	Radio Option			See note 3	
	42	Modem Option			See note 3	
	43	Application Program			12 V, 33 AH Lead Acid Cell Battery only.	
PULSE COUNTER	44	PC Cable			NO	
	45	With Index Type			NO	
	46	Mounting Kit			NO	
	47	Meter Index Rate			NO	
	48	Digit Blanking			NO	
	49	Manufacturer			Bristol Babcock	
	50	Model Number			Control Wave Micro Flow	
	51	Reference			#N/A	

- NOTAS:**
- 1) Configuración de I/O: Full I/O: Base + 2DI/DO, 4DI, 2DO, 2HSC + 3 AI + 1 AO
 - 2) Termopozo y opciones para RTD ; Ninguna
 - 3) Opción de Radio o Modem; Ninguno
 - 4) Sistema de Alimentación; 12 V, 7 AH Lead Acid Cell Battery and 12 V, 4.5 W Solar Panel System