

B	04-09-2026	Cliente	SEDIMA	C. Pedraza	O. Escorcía
Rev	Fecha	Emitido Para	Elaboró	Revisó	Aprobó

INGENIERÍA DETALLADA DEL SISTEMA DE PROTECCIÓN AUTÓNOMO PARA LA LÍNEA TEMPORAL SAMORÉ: CRUCE “LA CHINA”



HOJA DE DATOS DE PRESSURE COMPUTER- PY (1479-DS-I-434)

CLIENTE:



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S SEDIMA CORP PROMIORIENTE Una empresa PROMIGAS			FLOW COMPUTERS				SHEET 1		OF 1			
			No.	BY	DATE	REVISION	SPEC. NO.		REV.			
							1749-DS-I-434		B.			
			1	SEDIMA	08-14-26	A	REQ. - P.O. 4900117705		DATE 09-04-26			
			2	SEDIMA	09-04-26	B						
							PROJECT					
							ESDV "LA CHINA"					
						BY SEDIMA	CHK'D C.PEDRAZA	APPR. O.ESCORCIA				
GENERAL	1	Tag Number				PY-100 / PY-200		Comments				
	2	Service				Pressure Computer						
	3	Compliance				API Chapter 21		Optional				
PROCESS CONDITION	4	Meter Type: Rotary, Gas Turbine, Positive Disp., USM				N/A						
	5	Line Pressure				N/A						
	6	Process Temperature				95 °F						
	7	Fuid Process				Natural Gas						
	8	Natural gas composition range				Per AGA 8-1992						
	9	Max. Flow Range		Unit		N/A	MMSCFD					
PROCESSOR/ MEMORY	10	Procesor		Speed		CPU NPX® Kinetis® serie	150 Mhz					
	11	Memory RAM				8 MB SRAM battery backed memory						
	12	FLASH				128 MB on-board Flash						
	13											
COMM	14	Signals Ports				SERIAL RS-232 / RS-485						
	15	Connections				STD BY MFR						
	16	Protocol				BSAP						
	17											
ENVIROMENT	18	Intrinsically-Safe design				Clase 1 Div 1, 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 notes below						
	23	Alkaqline Battery				See notes below						
	24	Solar Power System				See notes below						
	25	Solar Panel Cable Lenght (Ft)				See notes below						
SENSORS	26	Pressure range		Accuracy		N/A	N/A					
	27	RTD range		Accuracy		N/A	N/A					
	28	RTD Type		Length		N/A	N/A					
	29	Diferential Pressure		Accuracy		N/A	N/A					
INPUT	30	Discrete Input		Range		See note 1	Internally sourced					
	31	Discrete Output		Range		See note 1	30 Vdc					
	32	Analog Input		Range		See note 1	4–20 Ma					
	33	Analog Output		Range		See note 1	4–20 mA					
	34	High Speed Counter		Frecuency range		See note 1	0 to 10K HZ					
SOFTWARE FUNCTIONS	35	AGA Calculations				Standard						
	36	Program				Standard						
	37											
	38											
OPTIONS	39	Thermowell				N/A						
	40	Polyphaser				YES, STD BY MFR						
	41	Radio Option				See notes below						
	42	Modem Option				See notes below						
	43	Application Program				Ninguno						
	44	PC Cable				NO						
PULSE COUNTER	45	With Index Type				NO						
	46	Mounting Kit				NO						
	47	Meter Index Rate				NO						
	48	Digit Blanking				NO						
	49	Manufacturer				Bristol Babcok - EMERSON						
	50	Model Number				FB-1200		BULLETIN SEP 2017.				
	51	Reference				FB2200-A1-B0-C1-D1-E0-F0-NN-NN-NN-Q0-G2-H0-J1-K0-L0-M0-N0-P0-R1-S2-T1-U0-V0-W1						