	
DOC NUMBER: 569-DB7A-AIC-712-002		CLIENT NUMBER: PRD-AIC-DSH-014	
CLIENT: TAKEDA/BAXALTA			
PROJECT: BURITI EPCVM PROJECT			

DATA SHEET PRESSURE SWITCH

2	26JAN2022	ISSUED FOR CONSTRUCTION UPDATED AS PER NOTES	MAB	MAF	RSP
1	17NOV2021	ISSUED FOR CONSTRUCTION UPDATED AS PER NOTES	MAB	MAF	RSP
0	13SEP2021	ISSUED FOR CONSTRUCTION	MAB	MAF	RSP
A	31MAR2021	60% DD ISSUE	MAB	MAF	RSP
REV	DATE	DESCRIPTION	EXEC	CHECK	APPROV

NUMBER: **569-DB7A-AIC-712-002**

CLIENT NR: **PRD-AIC-DSH-014**

TITLE





SHEET: **2 de 4**

PRESSURE SWITCH

REV.: **2**





DOCUMENT REVIEW CONTROL

Revision	A	0	1	2	3	4	Revision	A	B	0	1	2	3	Revision	A	B	0	1	2	3
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NUMBER: 569-DB7A-AIC-712-002		CLIENT NR: PRD-AIC-DSH-014	
TITLE PRESSURE SWITCH			SHEET: 3 de 4 REV.: 2
REFERENCE DOCUMENTS			
7A-Z-0-2-20 PRD-AIC-LIS-009 PRD-PIP-TSP-501 PRD-AIC-LIS-046		DRUG PRODUCT - CIP CLEANING CHEMICAL STORAGE (TOTES) & DIST. DRUG PRODUCT - PCS - INSTRUMENT INDEX PIPE CLASS AND SPECIFICATION - TECHNICAL SPECIFICATION INTEGRATED PROJECT SERVICES - INSTRUMENT SUGGESTED SUPPLIER LIST	

- | GENERAL NOTES |
|---------------|
|---------------|
- 1 - Each key must be appropriate for the classified area as indicated on the data sheet. the instrument must comply with the ordinance inmetro 83, dated
 - 2 - The nameplate must be in aisi 316, contain the tag, the serial number and the model of the level switch and be permanently attached to the respective instrument.
 - 3 - All electronic and electrical components subject to the attack of fungi and moisture must be tropicalized, that is, treated with a polyurethane cover or equivalent
 - 4 - The manufacture / construction can only be started after the drawings and other documents related to the part considered have been returned approved without any comments received.
 - 5 - Technical documents in general (drawings, technical specifications, data sheets and material requests, lists, manuals, etc.), must be identified.
 - 6- All transmitters must be provided with protection type certificates compatible with the respective area classification. If the enclosure requires certificates regarding type and degree of protection, both proofs must be explicit in the same certificate. The certificates must be issued by INMETRO or an accredited body.

REVISION 0 - NOTES
1- REVISED AS PER INSTRUMENT LIST NUMBER PRD-AIC-LIS-010_B_PCS_INSTRUMENT_INDEX AND BACKLOG NUMBER 99000-184.0 2021.03.30 - A&IC DOCUMENTS - COMMENTS_REV.01
REVISION 1 - NOTES
1 - ACCORDING NEW ARQUITECTURE UPDATED
REVISION 2 - NOTES
1 - CANCELED INSTRUMENT: PSL/H-640101

 				 			
NUMBER: 569-DB7A-AIC-712-002				CLIENT NR: PRD-AIC-DSH-014			
TITLE						SHEET: 4 de 4	
PRESSURE SWITCH						REV.: 2	
GENERAL	1	INSTRUMENT TAG NUMBER			PSL-430001		
	2	SERVICE			PRESSURE LINE CAUSTIC SUPPLY TO TO CIP SYSTEM, CIP-7701		
	3	P&ID			7A-Z-0-2-20		
	4	PIPE LINE	EQUIPMENT NUMBER		3/4"-CHE-430003-SS5-NI	-	
	5	EQUIPMENT LINE			ASTM A270 Gr.TP316L, SEAMLESS		
	6	AREA CLASSIFICATION			-		
	7	CLASSIFICATION OF THE CASE			IP-65		
ELEMENT	8	ASSEMBLY			DIAPHRAGM SEAL		
	9	TYPE			THREADED		
	10	CONNECTION TO THE PROCESS			1/2"NPT		
	11	FACE FLANGE FINISH			MANUFACTURE STANDARD		
	12	SCALE			0-5 barG		
	13	PERFORMANCE POINT 1			ADJUSTABLE SETPOINT TO 2,5 barG		
	14	PERFORMANCE POINT 2			-		
	15	FIXED / ADJUSTABLE DIFFERENTIAL			-		
	16	DIFFERENTIAL			-		
	17	STATIC PRESSURE			-		
	18	MATERIAL			ASTM A270 Gr.TP316L		
KEYS	19	TYPE			HERMETICALLY SEALED		
	20	AMOUNT			2		
	21	NUMBER OF CONTACTS			2 SPDT		
	22	LOAD TYPE			RESISTIVE		
	23	CONTACTS CAPACITY			5A		
	24	CONT / PRESS ACTION UNDER			-		
	25	CONT / PRESS ACTION DOWN			OPEN		
	26	ELECTRICAL CONNECTION			1/2" CABLE PRESS		
ACCESSORIES	27	IDENTIFICATION PLATE			NOTE 2, PAGE 3		
	28	DIAPHRAGM SEAL			ASTM A270 Gr.TP316L		
	29	FILLING FLUID			MANUFACTURE STANDARD		
	30	CAPILLARY LENGTH			-		
	31	CAPILLARY MATERIAL			-		
	32	REGULATING FILTER			-		
	33	PULSATION SHOCK ABSORBER			-		
	34	PIG RABBIT SIPHON			-		
	35	OVERPRESSURE PROTECTOR			-		
	36						
OPERATING CONDITIONS	37	FLUID	PHYSICAL STATUS		CAUSTIC		LIQUID
	38	MINIMUM FLOW	NORMAL	MAXIMUM	-	-	12 LPM
	39	MINIMUM PRESSURE	NORMAL	MAXIMUM	-	-	2,5
	40	MINIMUM TEMPERATURE	NORMAL	MAXIMUM	-	-	20
	41	PROJECT FLOW					
	42	DESIGN PRESSURE	DESIGN TEMPERATURE		bar-g		°C
	43	DENSITY @ OPERATING CONDITION			-		kg/m³
	44	VISCOSITY @ OPERATING CONDITION			-		Cp
	45	FLUID CONDUCTIVITY			-		µS/cm²
	46	INCRUSTATION			-		
	47	SUSPENDED SOLIDS (%)			-		
	48	MAXIMUM LOSS OF LOAD ALLOWED			-		bar
	49						
	50	MANUFACTURER			WIKA OU SIMILAR		
51	MODEL						