

		Southern Adish Gas Condensate Refinery Project				 ADISH Southern Adish Gas Condensate Refinery company
		Document Title: INSTRUMENT DATASHEET				
		Document No.: SACR-301-GEN-IN-DSH-0019				
REV 01						
Pressure Transmitter						
General	1	PUMP ITEMS NO		as below		
	2	reference doc		as below		
	3	Area Classification		ZONE 2 IIC T3		
	4	Line Number/ Equipment No.		Sealing system		
Process Conditions	5	Fluid		seal fluid		
	6	Phase		LIQUID		
	7	MAX Pressure		As below		
	8	Operating Pressure		As below		
	9	Design Temperature		80 °C		
	10	Operating Temperature		65 °C		
	11					
Transmitter	12	Element Type		Diaphragm		
	13	Process Connection		1/2" NPT-F		
	14	Electrical Connection		Nr.2 x 1/2" NPT-F with certified plugs		
	15	Power Supply		24 Vdc Loop Powered		
	16	Output Signal		4-20 ma + HART		
	17	Instrument Range		0-20 BARG (FOR P-501-12 A/B: 0-100BARG)		
	18	Calibrated Range		AS below		
	19	Max. Static Pressure		100 bar-g		
	20	Electrical Certification		ISO M20x1.5 with cable gland		
	21	Element Material		316SS		
	22	Body Material		Low copper Epoxy Painted Die Cast Aluminum		
	23	Enclosure Protection		EEXI IIC T3		
	24	Accuracy		0.00065		
	25	Span and Zero Adjustment		yes		
	Diaphragm Seal	26	Communication Protocol		HART	
27		Size (in)		N/A		
28		Rating (lbs)		N/A		
29		Fill Fluid		N/A		
30		Diaphragm Material		N/A		
31		Capillary Material		N/A		
32		Capillary Length		N/A		
33		Capillary Diameter		N/A		
34		Flushing Connection		N/A		
Options	35	Integral Indicator		yes		
	36	Mounting		LINE MOUNTED		
	37	Manifold		yes		
	38	Manifold Model		2 VALVE		
Channel Description	39	Model	Manufacturer	EJA 530A	YOKOGAWA	
Tag No.	QTY	CALIBRATED RANGE (Barg)	Pressure (barg)		PUMP ITEM NO	Reference doc
			operating	max		
PT-520-303A	1	0-5 barg	1	3	P-520-07 A/B	SACR-301-TNK-MA-DWG-0708