

General Data	1	Tag Number		03-49-DPT -1002 -01		
	2	Service	SIL	From Offshore Crude Booster Pumps		<input type="checkbox"/> SIL
	3	P&ID No.	Pip. class	061440-X		
	4	Line Number	Equipment No	36"-PO-4934-061440-X		
Operating Conditions	5	Fluid	Fluid Density	857 kg/m³		
	6	Sour Service	Special Conditions	YES (Corrosive Agent)		
	7	Design temp.	Design press.	3 / 85 °C	95.3 / FV	bar-g
	8	Oper. temp.	Min. Max.	13 °C	52 °C	°C
	9	Op. press.	Min. Max.			bar-g bar-g
Diff. press. Transmitter	10	Op. Diff. Pressure		0 - 7 bar-g		
	11	Instrument type		Electronic Transmitter		
	12	Instrument Range	Instr. Calibrated range	VTA	0 To 14	bar-g
	13	Zero adj.	Span adj.	Yes	Yes	
	14	Overrange prot.	EMC Compatibility/Cert.	Yes (NOTE-5)	Yes	
	15	Accuracy		± 0.025% of full range		
	16	Power supply		24 Vdc Loop Powered		
	17	Output signal	Load	4/20 mA (HART)		
	18	Ingress Protection	Certification	IP 65	Ex ia	
	19	Element type	Wetted Material	Diaphragm	SS316L	
	20	Body rating		Mfr. Std.		
	21	Op. temp. limits		VTA		
	22	Process flange material		-		
	23	O-Rings material	Fill Fluid	VTA	Silicone oil	
	24	Bolts material	Housing material	316L Stainless Steel	316L SS Painted (NOTE 3)	
	25	Vent	Drain	-	-	
	26	Process conn.	Electrical conn.	1/2" NPT (F)	M20x1.50	
27	Cable gland		N/A			
28	Mounting bracket		2" Pipe Mounting with SS Bolts			
29	Area classification		II B T3			
30	NACE Requirement		Yes			
31						
Diaphragm Seal	32	Quantity	Size & rating	N/A	N/A	
	33	Seal type	Ext. length	None	N/A	
	34	Diaphragm(s) material		N/A		
	35	Upper housing material		N/A		
	36	Lower housing material		N/A		
	37	Fill Fluid	Flushing	N/A	N/A	
	38	Capillary material		N/A		
39	Capillary type	Capillary length	N/A	N/A		
Manifold	40	Type	Size & rating	With 5 Way Valve Manifold	1/2" NPT (VTA)	
	41	Body material		316L SS		
	42	Trim material	Packing material	SS316L	VTA	
Accessories	43	LCD Display	Display scale	LCD Integral Display	Direct Reading	
	44	Hydrostatic testing	Certification	Yes	Yes	
	45					
	46					
Purchase	47	Manufacturer		TBA		
	48	Model		TBA		
	49	Client Reference	Requisition No.	Item	\	
	50	Material Code				

Notes:

					INSTRUMENT SPECIFICATION			
					Diff. Pressure Transmitter			
B	28/01/2025				ISSUED FOR APPROVAL			
A	05/01/2025				ISSUED FOR REVIEW			
Rev No.	Date	By	Chk	Appr	Status	ADNOC Doc.No.	Sheet 11 of 139	Code: 1304 Rev.: B