

DATA SHEET FOR DISPLACER LEVEL TRANSMITTER

43LDT -029

Rev	Units			Units		
1	GENERAL :			60	GENERAL :	
2	Tag number	43LDT -029		61	Plant / Unit	NIS_PANCEVO/S-4300 - MHC/DHT
3	Service	FA-4306 COLD HP SEPARATOR		62	Location	Pancevo, Serbia
4	Equipment	FA-4306		63	Zone	2
5				64	Gas group	IIC
6	P&I Drawing Number	02163-50-43-0022		65	Temp category	T3
7				66		
8	MOUNTING			67	ELECTRONICS	
9	Stilling well / Chamber	- / By Others		68	Type	Integral
10	Chamber/well material	-		69	Power supply / from	24V DC / Loop
11	Std. drg. chamber	-		70	Output signal / HART	4-20mA / Yes
12	Std. drg. stilling well	-		71	Burn-out direction	Upscale
13	Measuring function	Liquid Interface		72	Electrical connections	Screwed Terminals
14	Measuring range	mm	0-1280	73	Cable entry	M20x1.5
15	DCS Range	%	0 / 100	74	Local indicator	Yes, LCD
16	Accuracy	%	1 of span	75	IP-code	66/67
17	Process connection style	FLANGED - Note 1		76	Explosion prot. cert. Transmitter	II 1G Ex ia IIC T6/T5/T4
18	Process connection	in / LBS	4 / 1500	77	Temperature protection	Standard
19	Vent Connection	in / LBS	1 / 1500	78		
20	Flange facing and finish	ASME B16.5 RJ		79		
21	Mounting	Left Hand		80		
22	Body material	A351 gr CF3M(SS 316L) Note 2		81		
23	Torque tube material	Monel		82		
24	Displacer / hanger material	SS 316L / SS 316L		83		
25	Hanger length	mm	240	84		
26	Displacer length	mm	1280	85		
27	Displacer volume	cm3	*	86		
28	Displacer weight	g	*	87		
29				88		
30	PROCESS DATA:			89	SPECIAL REQUIREMENTS	
31	Medium upper / lower	CHPS LIQUID / SOUR WATER		90	NACE requirements	Yes
32	Phase upper / lower	Liquid / Liquid		91	Environmental requirements	No
33	Operating conditions	Min.	Norm.	Max.	92	Material certificate
34	Pressure barg		118		93	Special req. for service
35	Temperature °C		60		94	IEC 61508 certification
36	Density upper fluid kg/mł		738		95	Pressure test
37	Density lower fluid kg/mł		937		96	Wired on SST Tag Plate
38	Viscosity upper fluid cP				97	
39	Viscosity lower fluid cP				98	
40	Corrosive due to	Yes - H2S		99		
41	Toxic due to	Yes - H2S		100		
42	Containing particles			101		
43				102		
44	Freezing point °C			103		
45	Boiling point °C			104		
46				105		
47				106	NON-VENDOR RELATED INFO:	
48				107	Winterizing / Heating	EW
49				108	Tracing temperature °C	
50				109		
51	Design pressure barg	124	/	110		
52	Design temperature min / max °C	-28	/ 150	111		
53				112		
54	PURCHASE DATA:			113	REMARKS:	
55	Manufacturer	MASONEILAN		114	* To be defined by Vendor	
56	Model number	12423-51		115	1) Flanged Body Construction including 1" Flanged Vent Connection.	
57	Serial number			116	2) "Stainless Steel NACE Exposed Bolting" Construction.	
58	Supplier	DRESSER/MASONEILAN		117		
59	Item number	1		118		

Eng. by: CB&I Lummus s.r.o., Brno, Czech Republic
 Client: NIS Petroleum Industry of Serbia, Pancevo, Serbia



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Rev.
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DATA SHEET FOR DISPLACER LEVEL TRANSMITTER

43LDT -030

Rev	Units			Units		
1	GENERAL :			60	GENERAL :	
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3	Service	FA-4306 COLD HP SEPARATOR		62	Location	Pancevo, Serbia
4	Equipment	FA-4306		63	Zone	2
5				64	Gas group	IIC
6	P&I Drawing Number	02163-50-43-0022		65	Temp category	T3
7				66		
8	MOUNTING			67	ELECTRONICS	
9	Stilling well / Chamber	- / By Others		68	Type	Integral
10	Chamber/well material	-		69	Power supply / from	24V DC / Loop
11	Std. drg. chamber	-		70	Output signal / HART	4-20mA / Yes
12	Std. drg. stilling well	-		71	Burn-out direction	Upscale
13	Measuring function	Liquid Interface		72	Electrical connections	Screwed Terminals
14	Measuring range	mm	0-1280	73	Cable entry	M20x1.5
15	DCS Range	%	0 / 100	74	Local indicator	Yes, LCD
16	Accuracy	%	1 of span	75	IP-code	66/67
17	Process connection style	FLANGED - Note 1		76	Explosion prot. cert. Transmitter	II 1G Ex ia IIC T6/T5/T4
18	Process connection	in / LBS	4 / 1500	77	Temperature protection	Standard
19	Vent Connection	in / LBS	1 / 1500	78		
20	Flange facing and finish	ASME B16.5 RJ		79		
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55	Manufacturer	MASONEILAN		114	* To be defined by Vendor	
56	Model number	12423-51		115	1) Flanged Body Construction including 1" Flanged Vent Connection.	
57	Serial number			116	2) "Stainless Steel NACE Exposed Bolting" Construction.	
58	Supplier	DRESSER/MASONEILAN		117		
59	Item number	2		118		

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