

DISPLACER TYPE LEVEL TRANS.

This datasheet and information contained therein are the property of POSCO Engineering & Construction Co. Ltd. They are merely loaned and shall not be disclosed to others or reproduced in any manner without written permission of POSCO E&C.

GENERAL	1	Tag Number	29LCC10CL022	2LCC30CL010	29LCC10CL031	29LCC10CL032					
	2	Description	NO2. LP FEEWATER HEATER	NO3. LP FEEWATER HEATER	NO3. LP FEEWATER HEATER	NO3. LP FEEWATER HEATER					
	3	P&ID No.	KP-90LFC-EM103-E0002	KP-90LFC-EM103-E0002	KP-90LFC-EM103-E0002	KP-90LFC-EM103-E0002					
	4	Line No. / Vessel No.	6H/19LCC10AC002	2H/19LCC10AC003	2H/19LCC10AC003	2H/19LCC10AC003					
	5	Piping Material Class									
	6	Function									
	7	Enclosure Class	IP65	IP65	IP65	IP65					
	8	Displacement Type	TORQUE TUBE	TORQUE TUBE	TORQUE TUBE	TORQUE TUBE					
	9	Accuracy	0.5% F.S	0.5% F.S	0.5% F.S	0.5% F.S					
BODY/ CAGE (CHAMBER)	10	Material (Bonnet/Chamber)	A106 .GR.B	A106 .GR.B	A106 .GR.B	A106 .GR.B					
	11	Rating									
	12	Connection Size & Locat. Upper	2"	2"	2"	2"					
	13	Type	SW	SW	SW	SW					
	14	Connection Size & Locat. Lower	2"	2"	2"	2"					
	15	Type	SW	SW	SW	SW					
	16	Case Mounting	3"	3"	3"	3"					
	17	Type	ANSI 150# RF	ANSI 150# RF	ANSI 150# RF	ANSI 150# RF					
	18	Rotatable Head	YES	YES	YES	YES					
	19	Orientation	SIDE-SIDE	SIDE-SIDE	SIDE-SIDE	SIDE-SIDE					
DISPLACER	20	Cooling Extension	IF REUIQRED	IF REUIQRED	IF REUIQRED	IF REUIQRED					
	21	Dimension (C to C) [MM]	0~400	0~350	0~350	0~350					
	22	Insertion Depth [MM]	550	500	500	500					
	23	Displacer Extension [MM]	430	380	380	380					
	24	Displacer or Float Material	316SS	316SS	316SS	316SS					
XMTR / CONT.	25	Displacer Spring / Tube Material	316SS	316SS	316SS	316SS					
	26	Function	TRANSMITTER	TRANSMITTER	TRANSMITTER	TRANSMITTER					
	27	Output	4-20mA	4-20mA	4-20mA	4-20mA					
	28	Electrical connection	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT					
	29	Scale Range(MM)	0~400	0~350	0~350	0~350					
	30	Output Action : Level Rise	INCREASE	INCREASE	INCREASE	INCREASE					
	31	Mounting									
	32	Enclosure Class	IP65	IP65	IP65	IP65					
33	Elect. Power or Air Supply	DV24V	DV24V	DV24V	DV24V						
PROCESS CONDITION	34	Upper Liquid	STEAM	STEAM	STEAM	STEAM					
	35	Upper Phase	GAS	GAS	GAS	GAS					
	36	Lower Liquid	WATER	WATER	WATER	WATER					
	37	Lower Phase	LIQUID	LIQUID	LIQUID	LIQUID					
	38	Press. Nor.	Max. [bar g]	1.74	3.6	4.56	5	4.56	5	4.56	5
	39	Temp. Nor.	Max. [° C]	86.8	150	148.47	160	148.47	160	148.47	160
	40	Specific Gravity(kg/m3)	Upper	Lower	-	-	-	-	-	-	-
	41	Viscosity [cP]	Upper	Lower	-	-	-	-	-	-	-
ACCESSORIES	42										
	43	Airset	Supply Gauge	-	-	-	-	-	-	-	
	44	Gauge Glass Connections									
	45	Gauge Glass Model No.									
	46	Gasket									
	47	Bolt & Nut									
	48	Drain Valve W/Flange	YES	YES	YES	YES	YES	YES	YES	YES	
	49	Local Indicator	DIGITAL	DIGITAL	DIGITAL	DIGITAL	DIGITAL	DIGITAL	DIGITAL	DIGITAL	
50	Name Plate	YES	YES	YES	YES	YES	YES	YES	YES		
MANUFACTURER	51										
	52	Manufacturer	SEOJIN	SEOJIN	SEOJIN	SEOJIN					
	53	Model No.	SDT-420-31-A-1-A-LENGTH-A-1-A-OP-A	SDT-420-31-A-1-A-LENGTH-A-1-A-OP-A	SDT-420-31-A-1-A-LENGTH-A-1-A-OP-A	SDT-420-31-A-1-A-LENGTH-A-1-A-OP-A					

55 Notes : 1. The external chamber should be equipped with draing valves with plug.
56 2. Elec. Connection size : 3/4" npt(if Not avalibale , stainless steell adaptor shall be provided)
57 3. Measuring span shall be finalized at the detail design stage.
58
59
60
61

REVISION LOG					
REVISION	ISSUE STATUS	DATE	PRP'D BY	CHK'D BY	APP'D BY
0	Issued for For Construction	2015.01.15	Y.H. CHOI	M.Y.JEONG	S.G.MUN