

GENERAL										
1	Tag No.	LT-RU0001A-03, LG-RU0001A-03,LT-RU0001B-03, LG-RU0001B-03			7	AREA Classification	Zone 2 IIB T3			
2	Service	EVAPORATOR			8					
3	Line No.	-			9					
4	Line Size	Line Schedule			10					
5	Equipment No.				11					
6	PID No.	EI027-HSE-VD-PR-PID-002 (6/7)			12					
GAUGE BODY AND VALVES					BASIS AND SELECTION					
13	Body Material	Stainless Steel			56	Mounting	LG			
14	Material Detail	316 SS			57	Power Supply From	24 Vdc	System		
15	Connection Size	2"			58	Accuracy %	±0.4mm	±0.005%		
16	Connection Layout	Side-Side			59	Output signal	4-20 mA Hart			
17	Rating	Face	CL 300	RF	60	Electrical Protection	Exia IIC T3			
18	Length Between Connections	1220 mm			61	IP Rating	IP65			
19	Gasket Material	Graphite			62	Zero Adjustment	External			
20	Float Material	Titanium			63	Electrical Connections	M20 x 1.5			
21	Float Model				64	Span Adjustable	External			
22	Bottom Connection	2" Flanged			65	Calibrated Range	mm	0	-	Hold
23	Bolting and Nutts	Stainless Steel			66	DCS Range %		0	-	100
24	Valves Type	Ball						Indicator		
25	Valves Material	Carbon Steel			67	Type	Magnetic Metal Tube			
26	Seat	Hypatite PTFE			68	Indicator Elements	Flappers			
27	Trim Material	316 SS			69	Float Failure indication	Yes			
28	Drain Connection	3/4" Flange			70	Transparent Front Material	Fiberglass			
29	Vent Connection	3/4" Flange			71	Indicator Housing Material	Stainless Steel			
30	Interface Fluid Measures	Yes			72	Indication Rail Material	Stainless Steel			
TRANSMITTER BODY					73	Graduations	%	0		100
31	Instrument Function	Magnetostrictive			74	Low Reference	mm	Hold		
32	Element Type	Floater			75	High Reference	mm	Hold		
33	Element Material	316SS Ti						ACCESSORIES		
34	Housing Material	Stainless Steel			76	Indicator	Digital Local Indicator			
35	Material Detail	316SS			77	Integral Meter Scale	No			
36	Transmitter Rating	IP 65			78	Mounting Bracket	No			
37	Overrange Protection	130% of Range			79	Wave / Fluid Stabilizer	No			
38	Vent	Drain	No	No	80	Stabilizer Material	-			
39	Sensor Type	Core Tube and Fittings			81	Extension Cable	No			
40	Sensor Material	316L SS			82	Surge Protection	No			
41	Bolts Material	Stainless Steel			83	Switich type	-			
42	Connection Size	1/2"			84	Contact Switch Material	-			
43	Connection point	Top			85	Switch Power supply or Consumption	-			
					86	Sunshade	No			
PROCESS DATA					87	Jacket or Internal Tracer	No			
44	Lower Fluid Name	PROPANE			88	Frost Extension	No			
45	Upper Fluid Name	PROPANE			89					
46	Fluid Phase Lower / Upper		Liquid / Vapor							
47	Pressure Norm	bar A	4.7				REQUIREMENTS AND TEST			
48	Temperature Norm / Max	°C	-0.07		90	NACE Requirments	No			
49	Density Lower / Upper	Kg/m3	436.9 / 10.22		91	ASME Design	Yes			
50	Viscosaty Lower / Upper	cp	0.059 / 0.0078		92	Material Certification	3.1 Material Certificate			
51	Corrosive Agents	-			93	Body Hydraulic Test	Yes			
52	Toxic Agents	-			94	Float Hydraulic test	No			
53	Design Pressure	bar G	FV	22	95	Factory Calibration	Yes			
54	Design Temp.	°C	-45	120	96	SIL Requirements	-			
55					97	NDE	Manufacturer's Standard			
PURCHASE DATA					NOTES					
98	Manufacturer				104	note 1: LG flange connections on Left side note 2: note 3:				
99	Model Number									
100	Smart Plant Code / Glovia Code									
101	Mtr. Requisition									
102	Purchase Order No.									
103	Item Number									

GENERAL									
1	Tag No.	LG-RU0001A-02, LG-RU0001B-02			7	AREA Classification	Zone 2 IIB T3		
2	Service	RECEIVER HEADER			8				
3	Line No.	-			9				
4	Line Size	Line Schedule			10				
5	Equipment No.				11				
6	PID No.	EI027-HSE-VD-PR-PID-002 (5/7)			12				
GAUGE BODY AND VALVES					BASIS AND SELECTION				
13	Body Material	SA350-LF2			56	Mounting	LG		
14	Material Detail	LTCS			57	Power Supply From	N/A		
15	Connection Size	2"			58	Accuracy %	Repeatability		
16	Connection Layout	Side-Side			59	Output signal	N/A		
17	Rating	Face	CL 300 RF		60	Electrical Protection	N/A		
18	Length Between Connections	762 mm			61	IP Rating	65		
19	Drain Connection	3/4" Flange			62	Zero Adjustment	N/A		
20	Vent Connection	3/4" Flange			63	Electrical Connections	N/A		
21	Trim	316L SS			64	Span Adjustable	N/A		
22	Bonnet	PACKING NUT / TEFLON PACKING			65	Calibrated Range	mm		
23					66	DCS Range %			
24									
25					67	Type	Reflex		
26					68	size	7 (VTC)		
27					69	No. of section	2 (VTC)		
28					70				
29					71				
30					72				
TRANSMITTER BODY					73				
31	Instrument Function	No			74				
32	Element Type				75				
33	Element Material								
ACCESSORIES					76	Indicator	N/A		
34	Housing Material				77	Integral Meter Scale			
35	Material Detail				78	Mounting Bracket			
36	Transmitter Rating				79	Wave / Fluid Stabilizer			
37	Overrange Protection				80	Stabilizer Material			
38	Vent	Drain			81	Extension Cable			
39	Sensor Type				82	Surge Protection			
40	Sensor Material				83	Switch type			
41	Bolts Material				84	Contact Switch Material			
42	Connection Size				85	Switch Power Supply or			
43	Connection point				86	Sunshade			
PROCESS DATA					87	Jacket or Internal Tracer			
44	Lower Fluid Name	PROPANE			88	Frost Extension			
45	Upper Fluid Name	PROPANE			89				
46	Fluid Phase Lower / Upper	Liquid / Vapor							
47	Pressure Norm	bar A	19.7						
48	Temperature Norm / Max	°C	56.32		90	NACE Requirements	No		
49	Density Lower / Upper	Kg/m3	436.9 / 43.38		91	ASME Design	Yes		
50	Viscosaty Lower / Upper	cp	0.059 / 0.0106		92	Material Certification	3.1 Material Certificate		
51	Corrosive Agents	-			93	Body Hydraulic Test	Yes		
52	Toxic Agents	-			94	Float Hydraulic test	No		
53	Design Pressure	bar G	FV	22	95	Factory Calibration	Yes		
54	Design Temp.	°C	-45	120	96	1200	-		
55					97	NDE	Manufacturer's Standard		
PURCHASE DATA					NOTES				
98	Manufacturer				104	note 1: LG flange connections on Left side			
99	Model Number					note 2:			
100	Smart Plant Code / Glovia Code					note 3:			
101	Mtr. Requisition								
102	Purchase Order No.								
103	Item Number								

GENERAL									
1	Tag No.	LS-RU0001A-01, LS-RU0001B-01			7	AREA Classification	Zone 2 IIB T3		
2	Service	Oil Separator			8				
3	Line No.	-			9				
4	Line Size	Line Schedule			10				
5	Equipment No.	RU0001A-D-01			11				
6	PID No.	EI027-HSE-VD-PR-PID-002 (3/7)			12				
LEVEL SWITCH					BASIS AND SELECTION				
13	Body Material	Stainless Steel			56	Mounting			
14	Material Detail	316 SS			57	Power Supply From	24 Vdc		
15	Connection Size	3/4" NPT			58	Accuracy %	Repeatability		
16	Connection Layout	Side			59	Output signal	DRY CONTACT		
17	Rating	Face			60	Electrical Protection	Exd		
18	Gasket Material	Graphite			61	IP Rating	65		
19	Bolting and Nutts	Stainless Steel			62	Electrical Connections	M20 *1.5		
20					63				
21					64				
22					65				
23					66				
24									
25					67	Type	N/A		
26					68	Indicator Elements			
27					69	Float Failure indication			
28					70	Transparent Front Material			
29					71	Indicator Housing Material			
30					72	Indication Rail Material			
TRANSMITTER BODY					73	Graduations	%		
31	Instrument Function	Low level detection			74	Low Reference	mm		
32	Element Type	Vibration			75	High Reference	mm		
33	Element Material								
					ACCESSORIES				
34	Housing Material				76	Indicator	No		
35	Material Detail				77	Integral Meter Scale	No		
36	Transmitter Rating	5~100 C			78	Mounting Bracket	No		
37	Overrange Protection				79	Wave / Fluid Stabilizer	No		
38	Vent	Drain	N/A	N/A	80	Stabilizer Material	-		
39	Sensor Type				81	Extension Cable	No		
40	Sensor Material				82	Surge Protection	No		
41	Bolts Material				83	Switch type	-		
42	Connection Size	3/4" NPT			84	Contact Switch Material	-		
43	Connection point				85	Switch Power Supply or	-		
					86	Sunshade	No		
PROCESS DATA					87	Jacket or Internal Tracer	No		
44	Lower Fluid Name	OIL			88	Frost Extension	No		
45	Upper Fluid Name				89				
46	Fluid Phase Lower / Upper	Liquid							
47	Pressure Norm	bar A		20.2	REQUIREMENTS AND TEST				
48	Temperature Norm / Max	°C		73.50	90	NACE Requirments	No		
49	Density Lower / Upper	Kg/m3		1005.00	91	ASME Design	No		
50	Viscosaty Lower / Upper	cp		12	92	Material Certification	3.1 Material Certificate		
51	Corrosive Agents	-			93	Body Hydraulic Test	Yes		
52	Toxic Agents	-			94	Float Hydraulic test	No		
53	Design Pressure	bar G	-1	22	95	Factory Calibration	Yes		
54	Design Temp.	°C	5	100	96	SIL Requirements	-		
55					97	NDE	Manufacturer's Standard		
PURCHASE DATA					NOTES				
98	Manufacturer				104	1)Fork level switch is not acceptable			
99	Model Number					2)IEC standard to be followed			
100	Smart Plant Code / Glovia Code								
101	Mtr. Requisition								
102	Purchase Order No.								
103	Item Number								