

GENERAL	1	Tag No.	SL240_1		
	2	Service	See List		
	3	Equipment (Line No.)	See List		
	4	Area Classification	See Notes		
PROCESS CONDITIONS	5	Fluid Upper	Fluid Lower	See Notes See Notes	
	6	Pressure Max.	Operating	See Note See Notes See Notes	
	7	Temp. Maximum	Operating	See Note See Notes See Notes	
	8	S.G Lower	S.G Upper	Ambient	See Notes See Note See Notes
	9	Viscosity Lower	Visc. Upper		See Notes See Notes See Notes
	10	Vaccum @ Maximum			
UNIT	11	Function	LEVEL MEASUREMENT		
	12	Enclosure	EXPLOSION-PROOF (NEMA 4 & 7)		
	13	Measuring Range	See Notes	See Notes	
	14	Span Limits	635 - 10160 mm H2O		
	15	Calibrated Range	See List	See List	
	16	Elevation	Suppression	0.0	YES
	17	Static Pressure	Max Temp.	210 BAR	-40 TO 110 °C
	18	Element Type	Material	PIEZOREZISTIVE	316 SS
	19	Body Material	Rating	316 SS	3000 # PSI
	20	Process Flanges		316 SS	
	21	Wetted O-Rings		VITON	
	22	Process Conn.	Elec. Con.	1/2" NPTF	1/2" NPTF
	23	Bolts Material	Housing	C.S.	L/C ALUMINIUM
	24	Fill Fluid		SILICONE OIL	
	25	Paint		EPOXY-POLYESTER	
	26	Mounting		2" PIPE	
	27	Power Supply	Output	18 - 45 VDC	ISOLATED 4 - 20 mADC
	ELECTRONICS	28	Type	MICROPROCESSOR- BASED	
29		2-Way Digital Communication	REQUEST / RESPONSE MODE		
30		Compact Hand-Held Terminal	SFC (SMART FIELD COMMUNICATOR)		
31		Configuration	DOWNLOADED FROM SFC OR U.S.		
32		On-Board Eprom	FOR CONFIGURATION & USER DATA		
33		Accuracy	Compensation	± 0.1 % U.R.V.	TEMP. & PRESS.
34		Real Time Calendar		YES	
35		Diagnostics & Tests		YES, WITH ALARM MESSAGES	
36		Transmitter Data-Base		ACCESSED THE SFC	
37		Local Calibration		USING THE SFC	
38	Communication Standard		CURRENT PULSE TRAIN		
OPTIONS	39	Integral Meter	Scale		
	40	Mounting Bracket			
	41	3-Valve Manifold			
	42	Diaphragm Seal (D.S)			
	43	D.S Materials (High/Low)			
	44	D.S Fill Fluid			
	45	D.S Capillary Material			
	46	Hydrostatic Testing			
	47	Calibration	Certification	YES	IS FM APPROVAL
	48	Surge Protection			
	49	ST. ST Tag			
PURCHASE	50	Manufacturer	See Notes		
	51	Model	See Notes		
	52	Purchase Order Number	See Notes		
	53	Price	See Note	See Notes	
	54	Serial Number			
	55	Stores Number	See Notes		

Notes:

Rev.


			/ /		INSTRUMENT DATASHEET Electronic Smart Transmitter	An example for projects configuration Sheet No. 1
			/ /			
			/ /			
A	ISC	ZW	24/05/2005	FOR APPROVAL		
P	SPR		24/08/2001	PRELIMINARY		
No.	By	Chk	Date	Revision	Code: DS240	Dwg. No.
						Rev. A

DS240

06/02/2007

150-FT -5502-	0 - 610	mm H2O	Service Demo	
150-LT -5502-	0- 548	mm H2O		55033 - 2"-4P
150-LT -5506-	0 - 610	mm H2O	Service Demo	55032 - 2"-3C
150-LT -5509-	0 - 610	mm H2O		
150-LT -5510-	0 - 610	mm H2O	Service Demo	55033 - 2"-4P
150-PDT -5502-	0-4000	mm H2O		55033 - 2"-4P
150-PT -5560-	0-4000	mm H2O	Service Demo	55002 - 4"-4P
150-PT -5561-	0-4000	mm H2O		55001 - 4"-4P
150-PT -5562-	0-4000	mm H2O	Service Demo	

**Notes:** Only for Marina - Her Eyes ONLY!! **Rev.**

		//		<b>INSTRUMENT DATA SHEET</b> <b>Electronic Smart Transmitter</b>	
		//			
		//			
A	ISC	24/05/2005	FOR APPROVAL	 cims SMALL.bmp	<b>Project Model</b>
P	SPR	24/08/2001	PRELIMINARY		<b>Sheet No. 2</b>
<b>No.</b>	<b>By</b>	<b>Date</b>	<b>Revision</b>	<b>Code:</b> DS240	<b>Dwg. No.</b> 1234567890
					<b>Rev. A</b>