



**FLOW INSTRUMENT  
ULTRASONIC TYPE**

SPEC. No. 22-FT-01  
REV. 01

NO.	BY	DATE	REVISION	SHEET	OF	DATE
01	TK	2005/04/22	PRELIMINARY	1	1	2009/04/03
				BY	CHK'D	APPR.
				P.O.		
				REQ.		

**Project:** Sample Project

GENERAL	1	Service	Auto-generated and a Template style Flow Loop			
	2	P&ID				
	3	Application (Note1)				
	4	Area classification				
EMITTER / RECEPTOR	5	Sensor tag no				
	*6	Sensor arrangment (Note1,2)				
	*7	Range minimum / maximum				
	*8	Nb of traverses required				
	9	Installation				
	*10	Sensor matr'l   Hardwr matr'l				
	*11	Sensor Temperature Range				
	*12	Temperature compensat.				
	13	Cable length (Note 2)				
TRANSMITTER	16	Tag Number	22-FT-01			
	17	Calibration				
	18	Analog Output Signal (isol.)	4-20mA isolated			
	*19	Accuracy				
	20	Power supply				
	*21	Smart / Communication				
	22	Installation				
	*23	Case material   Rating	CSA 4X			
	24	Indicator				
	25	Fail mode				
	*26	Ambient T ° limits				
SWITCHES	29	Auto-reset capability	Yes			
	*30	Contact type   Rating	120Vac/_A			
	31	Alarms				
PROCESS DATA	33	Fluid Code				
	34	Fluid Desc.				
	35	Liquid homogeneity (Note3)				
	36	% solids				
	37	Temp. norm. / max.				
	38	Flow normal				
	39	Flow max.   Flow min.				
	40	Line / Equip. no.				
41	Line size	Rating				
	42	Line matr'l	Sch./Thick			
MISC.	*45	Manufacturer	Unknown			
	*46	Element Model no.				
	*47	Transmitter model no.	FLOW TRANSMITTER			

**NOTES**

- This datasheet covers phase shift, Doppler and time-of-flight flow measurement. Non-intrusive install. is preferred. When applicable, Vendor may quote as an option sensors pre-installed on a spool piece of appropriate material.
- Nb of sensors to be specified by Vendor. Cable between probe and transmitter to be supplied by Vendor.
- Process to precise liquid homogeneity, presence of air or gas bubbles (sound carrier media), etc.

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