



## DATA SHEET (ULTRASONIC LEVEL METER)

DOC. NO. \_\_\_\_\_ SHEET 1 OF 1

PROJECT :	REV.	DATE	PREP'D	CHECKED	APPROVED
CLIENT :	0				
SITE :	1				
JOB NO. :	2				

### GENERAL

1	TAG NO.	i-03	i-06	i-10	
2	QUANTITY   P&ID NO.				
3	SERVICE				
4	VESSEL NO.				
5	VESSEL DIMENSION (HEIGHT x DIAMETER)(MM)				
6	FUNCTION				
7	ENCLOSURE CLASS (IEC)				
8					

### PROCESS CONDITIONS

9	UPPER FLUID				
10	LOWER FLUID				
11		UNIT			
12	PRESSURE	KG/CM2G			
13	TEMPERATURE	DEG C			
14	HWL (M)				
15	HEIGHT OF SENSOR (M)				
16					

### SENSOR

17	POWER SUPPLY	10-28VDC	10-28VDC	10-28VDC	
18	OUTPUT	HART or 4 ~ 20mA	HART or 4 ~ 20mA	HART or 4 ~ 20mA	
19	OPERATING TEMP. RANGE	-40℃~80℃	-40℃~80℃	-40℃~80℃	
20	MATERIAL SENSOR BODY	Varox 357(PBT)	Varox 357(PBT)	Varox 357(PBT)	
21	PROTECTION	IP68	IP68	IP68	
22	BEAM ANGLE	10°	10°	10°	
23	MEASUREMENT RANGE	0.125 - 3m	0.3 - 6m	0.3 - 10m	
24	FREQUENCY	125KHZ	75KHZ	50KHZ	
25	WEIGHT	1Kg	1.2Kg	1.3Kg	
26	MOUNTING STANDARD	1" NPT	1" NPT	1" NPT	
27	RESOLUTION	0.1% or 2mm	0.1% or 2mm	0.1% or 2mm	

### MATERIAL

28	SENSOR	Varox 357(PBT)	Varox 357(PBT)	Varox 357(PBT)	
29	WETTED PARTS				
30	HOUSING				
31	FLANGE				

### ACCESSORIES

32	LOCAL INDICATOR				
33	SELF-TEST				
34	SPECIAL CABLE (M)				
35	CABLE GLAND				
36	MOUNTING BRACKET				

### MANUFACTURER

37	MANUFACTURER	NIVUS KOREA	NIVUS KOREA	NIVUS KOREA	
38	MODEL NAME. SENSOR	i-03	i-06	i-10	
39	TRANSMITTER				

NOTES:

1. Shall be included plant production and Certificate
2. Shall be included Site Calibration.
3. Shall be included Supply Operation & Maintenance Manual.
4. Shall be included Local Panel (Carbon Steel and Powder Coating) & Breaker, Terminal, etc.
5. Shall be included Power & Signal Arresters.
6. Integrated Sensor for Tem. Compensation
7. Display Echo Recoveries, Loop Test mode(Integrated of Simulation Program)