



## DATA SHEET (ULTRASONIC LEVEL METER)

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

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

### GENERAL

1	TAG NO.	NMC-03	NMC-06	NMC-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	11-30V; 3.8-22mA	11-30V; 3.8-22mA	11-30V; 3.8-22mA	
18	OUTPUT	4 ~ 20mA	4 ~ 20mA	4 ~ 20mA	
19	ENCLOSURE DIMENSIONS	186(H) x 133(D)mm	186(H) x 133(D)mm	186(H) x 133(D)mm	
20	ENCLOSURE MATERIAL	valox 357(Upper Shell) PVDF(Sensor Bottom)	valox 357(Upper Shell) PVDF(Sensor Bottom)	valox 357(Upper Shell) PVDF(Sensor Bottom)	
21	OPERATING TEMP. RANGE	-40℃~60℃(Upper Shell) 40℃~80℃(Sensor Bottom)	-40℃~60℃(Upper Shell) 40℃~80℃(Sensor Bottom)	-40℃~60℃(Upper Shell) 40℃~80℃(Sensor Bottom)	
22	BEAM ANGLE	10°	10°	10°	
23	PROTECTION	IP67	IP67	IP67	
24	SCREW THREAD MOUNTING	1.5" BSP or NPT	1.5" BSP or NPT	1.5" BSP or NPT	
25	ACCURACY	± 0.25% OF F.S	± 0.25% OF F.S	± 0.25% OF F.S	
26	RATE RESPONSE	Fully Adjustable	Fully Adjustable	Fully Adjustable	
27	ENCLOSURE MATERIAL	valox 357	valox 357	valox 357	
28	OPERATING TEMP. RANGE	-40℃~60℃	-40℃~60℃	-40℃~60℃	
29	DISPLAY (KS)	4-Digits LCD	4-Digits LCD	4-Digits LCD	
30	MEASURING RANGE	0.2 - 3m	0.3 - 6m	0.3 - 10m	
31	FREQUENCY	125KHZ	75KHZ	41KHZ	

### MATERIAL

32	SENSOR	PVDF	PVDF	PVDF	
33	WETTED PARTS				
34	HOUSING	valox 357	valox 357	valox 357	
35	FLANGE				

### ACCESSORIES

36	LOCAL INDICATOR	YES	YES	YES	
37	SELF-TEST	YES	YES	YES	
38	SPECIAL CABLE (M)	100	100	100	
39	CABLE GLAND	YES	YES	YES	
40	MOUNTING BRACKET	YES	YES	YES	

### MANUFACTURER

41	MANUFACTURER	NIVUS KOREA	NIVUS KOREA	NIVUS KOREA	
42	MODEL NAME. SENSOR	NMC-03	NMC-06	NMC-10	
43	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)