



## DATA SHEET ( NFM 750 )

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

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

### GENERAL

1	TAG NO.				
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	MEASUREMENT PRINCIPLE	Ultrasonic transit time			
18	MEASUREMENT FREQUENCY	1MHz			
19	PROTECTION	IP68			
20	STORAGE TEMPERATURE	-30°C to +70°C (-22°F to 158 °F)			
21	OPERATING PRESSURE	MAX. 4 bar			
22	CABLE LENGTH	10~100M			
23	MEASUREMENT RANGE(VELOCITY)	-100cm/s to +600cm/s			
24	NUMBER OF SCANS	Max. 16			
25	BEAM ANGLE TO THE HORIZONTAL	45°			
26	SONIC BEAM ANGLE	±5 degrees			
27	MEASUREMENT RANGE(LEVEL)	0 to 500cm			
28	ZERO POINT DRIFT	Max. 0.75% of final value (0~50°C)			
29	MEASUREMENT UNCERTAINTY	< 0.5% of final value			

### TRANSMITTER

30	DISPLAY	Status LED (RGB)			
31	POWER SUPPLY	1~2x rechargeable batteries 12V / 15Ah, VRLA-AGM			
32	WEIGHT	4.7kg(without batteries and hoop guards)			
33	PROTECTION	IP68 closed / ip67 enclosure open			
34	STORAGE TEMPERATURE	-15°C to +70°C			
35	STORAGE CYCLE	5 sec. to 60min, time-cyclic or event-based			
36	DATA MEMORY	Internal 182,398 measurement cycles			
37	OUTPUTS	1x USB-A for readout of measurement values via			

### ACCESSORIES

38	LOCAL INDICATOR				
39	SELF-TEST				
40	SPECIAL CABLE	(M)			
41	CABLE GLAND				
42	MOUNTING BRACKET				

### MANUFACTURER

43	MANUFACTURER	NIVUS KOREA			
44	MODEL NAME.	NFM 750			

NOTES: