



# DATA SHEET ( NFM 550 )

DOC. NO.

SHEET

1 OF 1

PROJECT :

REV.

DATE

PREP'D

CHECKED

APPROVED

CLIENT :

0

SITE :

1

JOB NO. :

2

**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	LEVEL MEASUREMENT PRINCIPLE	Ultrasonic / i-Sensor				
18	LEVEL MEASUREMENT RANGE	0-10m				
19	MEASUREMENT PRINCIPLE	Radar Doppler				
20	PROTECTION	IP68				
21	STORAGE TEMPERATURE	-30°C to +70°C				
22	CABLE LENGTH	10~100M				
23	VELOCITY RANGE	10m/s				
24	MEASUREMENT UNCERTAINTY	Flow velocity in path ±2% of measurement value				

**TRANSMITTER**

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

**ACCESSORIES**

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

**MANUFACTURER**

38	MANUFACTURER	NIVUS KOREA				
39	MODEL NAME.	NFM 550				

NOTES: