



DATA SHEET (NFM 600)

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	MEASUREMENT PRINCIPLE	Ultrasonic transit time as Clamp-on system			
18	MEASUREMENT FREQUENCY	1MHz			
19	PROTECTION	IP68			
20	STORAGE TEMPERATURE	-30°C to +80°C			
21	CABLE LENGTH	7~50M			
22	CABLE TYPE	Twinax 2x AWG 20/7			
23	SENSOR TYPES	Clamp-on sensor pair for clamp-on installation on pipes			
24	MEASUREMENT UNCERTAINTY	Flow velocity in path ±0.1% 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 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	DATA TRANSMISSION, COMMUNICATION	plug-in USB stick, WLAN option : GPRS, UMTS, LTE(integrated modem)			

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 600			

NOTES: