



DATA SHEET (NFP)

DOC. NO.		SHEET	1 OF 1
REV.	DATE	PREP'D	CHECKED
0			
1			
2			

PROJECT :
 CLIENT :
 SITE :
 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	SENSOR TYPES	Flow velocity sensor with V-measurement using cross correlation			
19	TYPES OF CONSTRUCTION	Pipe sensor for installation in pipes with sensor screw joint and retaining element or for installation in floats			
20	MEASUREMENT FREQUENCY	1MHz			
21	PROTECTION	IP68			
22	STORAGE TEMPERATURE	-30°C to +70°C (-22°F to 158 °F)			
23	OPERATING PRESSURE	MAX. 4 bar			
24	CABLE LENGTH	10~100M			
25	MEASUREMENT RANGE(VELOCITY)	-100cm/s to +600cm/s			
26	NUMBER OF SCANS	Max. 16			
27	BEAM ANGLE TO THE HORIZONTAL	45°			
28	SONIC BEAM ANGLE	±5 degrees			
29	MEASUREMENT RANGE(LEVEL)	0 to 500cm			
30	ZERO POINT DRIFT	Max. 0.75% of final value (0~50°C)			
31	MEASUREMENT UNCERTAINTY	< 0.5% of final value			

TRANSMITTER

32	DISPLAY	Back lit full graphic LCD, 128x64 pixel			
33	POWER SUPPLY	AC100to240V or DC 24V			
34	WEIGHT	1200g			
35	STORAGE TEMPERATURE	-30°C to +70°C			
36	STORAGE CYCLE	1minute to 1 hour			
37	DATA MEMORY	4MB, 64512 data points			
38	OUTPUTS	1/3 X 0/4 ~ 20mA			

ACCESSORIES

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

MANUFACTURER

44	MANUFACTURER	NIVUS KOREA			
45	MODEL NAME.	NFP			

NOTES: