



## DATA SHEET ( NivuFlow 750)

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			
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			
29	MEASUREMENT UNCERTAINTY	< 0.5% of final value			

### TRANSMITTER

30	DISPLAY	TFT full graphic color daylight 240 x 360 pixel			
31	POWER SUPPLY	AC100to240V or DC10to35V			
32	WEIGHT	1150g			
33	STORAGE TEMPERATURE	-30°C to +80°C			
34	STORAGE CYCLE	30 seconds to 5 minutes			
35	DATA MEMORY	Internal 1.0 GB			
36	OUTPUTS	2 X 0/4 ~ 20mA			
37	COMMUNICATION	Modbus TCP via networks (LAN/WAN, Internet) Modbus RTU via RS485 or RS232 Internet via Ethernet (in preparation)			

### 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.	NivuFlow 750			

NOTES: