



## DATA SHEET ( OCM F )

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	Doppler(flow velocity) piezo-resistive pressure measurement(level)			
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	back-lit full graphic LC display 128 x 64 pixel			
31	POWER SUPPLY	AC 85 to 260V or DC 24V			
32	WEIGHT	1200 g			
33	PROTECTION	IP65			
34	STORAGE TEMPERATURE	-30°C to +70°C			
35	OUTPUTS	3 X 0/4 ~ 20mA			

ACCESSORIES					
36	LOCAL INDICATOR				
37	SELF-TEST				
38	SPECIAL CABLE	(M)			
39	CABLE GLAND				
40	MOUNTING BRACKET				

MANUFACTURER					
41	MANUFACTURER	NIVUS KOREA			
42	MODEL NAME.	OCM F			

NOTES: