



DATA SHEET (PCM 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 graphic display 128 x 128 pixel		
31	POWER SUPPLY	rechargeable lead gel battery 12V / 12Ah		
32	WEIGHT	2.0kg (4.41 lbs, without sensor and batteries)		
33	PROTECTION	IP67 if lid is closed and locked		
34	STORAGE TEMPERATURE	-30°C to +70°C		
35	STORAGE CYCLE	1 to 60minutes, cyclical or event-based		
36	DATA MEMORY	externally on plug-in compact flash card up to 128 MB		

ACCESSORIES

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

MANUFACTURER

42	MANUFACTURER	NIVUS KOREA		
43	MODEL NAME.	PCM F		

NOTES: