



DATA SHEET (RADAR LEVEL METER)

DOC. NO. _____ SHEET 1 OF 1

PROJECT :	REV. 0	DATE	PREP'D	CHECKED	APPROVED
CLIENT :	1				
SITE :	2				
JOB NO. :					

GENERAL

1	TAG NO.	R-08	R-16		
2	QUANTITY				
3	P&ID NO.				
4	SERVICE				
5	VESSEL NO.				
6	VESSEL DIMENSION (HEIGHT x DIAMETER)(MM)				
7	FUNCTION				
8	ENCLOSURE CLASS (IEC)				

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	FMCW Radar	FMCW Radar		
18	MEASUREMENT RANGE	0.077 - 8m	0.077 - 16m		
19	MEASUREMENT UNCERTAINTY	±2mm	±2mm		
20	PROTECTION	IP68	IP68		
21	RATIO APPROVAL	EN302-729:2016	EN302-729:2016		
22	OPERATING TEMPERATURE	-40°C ~80°C	-40°C ~80°C		
23	CABLE LENGTH	5/10/15/20/30/50/100M	5/10/15/20/30/50/100M		
24	POWER SUPPLY	28 VDC Max.	28 VDC Max.		
25	WEIGHT	1.1Kg	1.1Kg		
26	DIMENSIONS	130 x 90mm	130 x 90mm		
27	CONNECTION THREAD	1"BSP/NPT	1"BSP/NPT		

MATERIAL

28	SENSOR	Varox 357U	Varox 357U		
29	WETTED PARTS				
30	HOUSING				
31	FLANGE				

ACCESSORIES

32	LOCAL INDICATOR				
33	SELF-TEST				
34	SPECIAL CABLE (M)				
35	CABLE GLAND				
36	MOUNTING BRACKET				

MANUFACTURER

37	MANUFACTURER	NIVUS KOREA	NIVUS KOREA		
38	MODEL NAME. SENSOR	R-08	R-16		
39	TRANSMITTER				

NOTES:

1. Shall be included plant production and Certificate
2. Shall be included Site Calibration.
3. Shall be included Supply Operation & Maintenance Manual.
4. Shall be included Local Panel (Carbon Steel and Powder Coating) & Breaker, Terminal, etc.
5. Shall be included Power & Signal Arresters.
6. Integrated Sensor for Tem. Compensation
7. Display Echo Recoveries, Loop Test mode(Integrated of Simulation Program)