



## DATA SHEET (PH&ORP METER)

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	LINE SIZE	LINE SCHEDULE			
5	PIPE MATERIAL CLASS				
6	ENCLOSURE CLASS (IEC)				
7					

### PROCESS CONDITIONS

8	FLUID	STATE	Sewage		Sewage					
9		UNIT	MAX	NOR	MAX	NOR				
10	INLET PRESSURE	KG/CM <sup>2</sup> G		ATM.		ATM.				
11	TEMPERATURE	DEG C								
12	VISCOSITY	cP								
13	OPERATING SPECIFIC GRAVITY									
14	% SOLID									

### SENSOR

15	MEASUREMENT PRINCIPAL	Potentiometric Combined, Special galss, Gelled electrode	Potentiometric Combined, Special galss, Gelled electrode		
16	MEASUREMENT RANGE	0~14 pH	-1000~1000 mV		
17	ACCURACY	±0.1 pH	±2 mV		
18	RESOLUTION	0.01 pH	0.1 mV		
19	TEMP. CALIBRATION	NTC Thermistor	NTC Thermistor		
20	STORAGE TEMP.	0~60 °C	0~60 °C		
21	MAXIMUM PRESSURE	70 PSI	70 PSI		
22	CLEANING	AIR JET	AIR JET		
23	MATERIAL	PVC, DELRIN, etc	PVC, DELRIN, etc		
24	PROTECTION	IP 68	IP 68		
25	FUNCTION	Support Software for Calibration	Support Software for Calibration		
26	INSTALLATION	Submerged	Submerged		

### TRANSMITTER

27	MOUNTING	PANEL	PANEL		
28	OUTPUT SIGNAL	4 ~ 20 mA	4 ~ 20 mA		
29	POWER SUPPLY	AC 90~250V, 50/60Hz or DC 24V	AC 90~250V, 50/60Hz or DC 24V		
30	OPERATING TEMP.	0~45 °C	0~45 °C		
31	ENCLOSURE CLASS (IEC)	IP 66	IP 66		

### ACCESSORIES

32	MOUNTING BRACKET	YES	YES		
33	CALIBRATION SET	YES	YES		
34	SPECIAL CABLE	10 M	10 M		
35	CABLE GRAND	YES	YES		

### MANUFACTURER

36	MANUFACTURER	NIVUS KOREA	NIVUS KOREA		
37	MODEL NAME				

### NOTES:

1. Shall be include plant production and Certificate
2. Shall be include Site Calibration.
3. Shall be include Supply Operation & Maintenance Manual.
4. Shall be included Local Panel (Carbon Steel and Powder Coating) & Breaker, Terminal, etc.
5. Shall be include Power & Signal Arresters.
6. Shall be include Supply Accessory materials for Installation (Bracket, Chain, Bolts, Nuts, etc.)