



PHG-2081X Industrial PH/ORP Meter

Instruments are used in industrial measuring of the temperature and PH/ORP, such as waste water treatment, environmental monitoring, fermentation, pharmacy, food process agriculture production, etc.

Technical Index

Functions	pH	ORP
Measuring range	-2.00pH to +16.00 pH	-2000mV to +2000mV
Resolution	0.01pH	1mV
Accuracy	±0.01pH	±1mV
Temp. compensation	Pt 1000/NTC10K	
Temp. range	-10.0 to +130.0°C	
Temp. compensation range	-10.0 to +130.0°C	
Temp. resolution	0.1°C	
Temp. accuracy	±0.2°C	
Ambient temperature range	0 to +70°C	
Storage temp.	-20 to +70°C	
Input impedance	>10 ¹² Ω	
Display	Back light, dot matrix	
pH/ORP current output 1	Isolated, 4 to 20mA output , max. load 500Ω	
Temp. current output 2	Isolated, 4 to 20mA output , max. load 500Ω	
Current output accuracy	±0.05 mA	
RS485	Mod bus RTU protocol	
Baud rate	9600/19200/38400	
Maximum relay contacts capacity	5A/250VAC,5A/30VDC	
Cleaning setting	ON: 1 to 1000 seconds, OFF: 0.1 to 1000.0 hours	
One multi function relay	clean/period alarm/error alarm	
Relay delay	0-120 seconds	
Data logging capacity	500,000	
Language selection	English/traditional Chinese/simplified Chinese	
Waterproof grade	IP65	
Power supply	From 90 to 260 VAC, power consumption < 5 watts	
Installation	panel/wall/pipe installation	

