



ITEM	FEATURES DESCRIPTION
1	1 to 3 points calibration with auto-buffer recognition.
2	Selectable pH buffer set, including the USA and NIST options .
3	Automatic temperature compensation ensures accurate readings over the entire range.
4	Automatic electrode diagnosis helps the user decide whether to replace the sensor.
5	Setup menu allows setting the number of calibration points, alarm limits, hysteresis value, 4 to 20mA output, etc.
6	Reset function automatically resumes all settings back to the factory defaults.

FEATURE	TECHNICAL SPECIFICATION DESCRIPTION	CAPACITY
pH	RANGE	-1.00-15.00pH
	RESOLUTION	0.01pH
	ACCURACY	±0.01pH
	CALIBRATION POINTS	1 to 3 points
mV	PH BUFFER OPTIONS	USA(4.01/7.00/10.01), NIST(4.01/6.86/9.18)
	RANGE	±1000mV
TEMPERATURE	RESOLUTION	1mV
	ACCURACY	±1mV
	RANGE	0-100°C / 32-212°F
	RESOLUTION	0.1°C / 0.1°F
COMMUNICATION	ACCURACY	±1°C / ±1.8°F
	OFFSET CALIBRATION	1 point, reading ±10°C
	SIGNAL OUTPUT	4-20mA
	LOAD	Max. 500Ω
OTHER SPECIFICATIONS	LOW OR HIGH ALARM	0.00-14.00pH, selectable
	COMMUNICATION INTERFACE	RS485
	CONNECTION TERMINALS	Detachable screw terminals
	TEMPERATURE COMPENSATION	0-100°C, automatic
OTHER SPECIFICATIONS	ENVIROMENTAL CONDITIONS	Ambient temperature <60°C, relative
	POWER REQUIREMENTS	DC24v
	DIMENSIONS	96(L)× 96 (W)×75(H)mm
	WEIGHT	350g

