Products

Ultra Compact pH Meter
Model HBM-50

CE

Housed in a compact panel mounted case with large LCD display and featuring an intuitive menu driven interface, the Model HBM-50 is ideally suited to the creation of control systems where panel size is at a premium.

Features:

- CE marked subcompact analyser series.
- DIN 48X48mm, compact body.
- S imple keypad command calibration with buffer solution.
- Detects crack on glass electrode.
- Displays parameters in sub-menu.
- Multi operating voltage 100~240V AC.
- Low power consumption, 5VA.
- Memory backup.
- Transmission output adjustable for specified pH range.

Specifications:

Product Name:	pH controller.
Model:	HBM-50.
Measurement Range:	pH;-0.2~14.2pH. (Resolution; 0.01pH) mV;-610~610mV. (Resolution; 1mV) Temp;-5-105°C. (Resolution; 0.1°C).
Repeatability:	±0.02pH at electric potential input equivalent to pH electromotive force.
Transmission Output:	4~20mADC adjustable setting within 0~14pH for the range specified more than 2pH band with increase by 1pH.
Control Output:	Independent output contacts for lower and upper limits, available to switch over to output of maintenance signal or warning signal by key setting. Rating; 240VAC 1A or 50V DC 0.5A.
Calibration:	Simple keypad operation for calibration with two types of buffer solution registered as memory out of pH1.68, 4.01, 6.86,9.18, 10.01.
Output During Maintenance:	Specify one among Dummy, Hold or Through.
Zero Adjustment:	Adjustable between -90mV~90mV.
Slope Adjustment:	47.3~63mV/pH. Zero Shift: ±1.00pH.
Temp. Calibration Range:	±5°C
Temp. Compensation of pH Value:	±0.100pH/°C
Manual Temp. Compensation:	0~100°C
Burnout Function:	Active in emergency cases.
Power Source:	100~240V AC, 50/60Hz
Mode Control Input:	Switches measure./ maintenance mode.
Power Consumption:	5VA :
Installation:	Panel cut-out; 45 x 45(mm).
Panel Thickness:	Max. 4.0mm.

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