## **SPEC SHEET**

## Plug-in Type Digital Indicating pH Meter

WIL-102-PH

- DIN rail mounted type
- Various settings, calibration operable via software communication (RS-485)
- 24 V power supply available (user-specified)
- Cleansing output function equipped
- Transmission output 1 and 2 (optional)



Name	Plug-in type digital indicating pH meter									
Model	WIL-10 2 -PH ,									
		Input points 2		, _		2 points				
	-	iliput poliita   2							Pt1000	
		Input	PH				pH combined electrode	Pt spec (*1)	Pt100	
						sensor	Cu anaa (*1)	Cu500/25°C		
	-							Cu spec (*1)	Cu500/25 C	
	-	Power supply voltage		ge 🔒				100 to 240 V AC (standard)		
				1		/T	24 V AC/DC (*2)			
					ΕV		2-points Contact output 1-point Transmission output,			
		Option			TA	L	1-point Contact output			
					TA	2	2-points Transmission output			
		(*1) This input temperature speci								
		(*1) This input temperature specification was specified at the time of ordering.  (*2) Power supply voltage 100 to 240 V AC is standard.  When ordering 24 V AC/DC, enter 1 in Power supply voltage, after 'PH'.								
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Measurement	Accessories sold separately: Socket: ASK-001-1 (Finger-safe, Ring terminal unusable) pH value: pH 0.00 to 14.00 Resolution: pH 0.01									
range	Temperature: 0.0 to 100.0° Resolution: 0.1°									
Repeatability	pH value: pH ±0.05									
Linearity	pH value: pH ±0.05									
Indication accuracy	· · ·									
Calibration	2-points Automatic or Manual calibration									
function										
		Combination of Standard solution: pH 7 (1st solution) and any 2nd solution								
		Manual calibration: 2 types of solution with a difference of 2 pH or more								
	_ 	Temperature calibration (1 point)								
Self-diagnosis	The CPU is monitored by a watchdog timer, and if an abnormal status occurs,									
den diagnosis		the instrument is switched to warm-up status.								
Temperature com-	pH combined electrode sensor (pH sensor: Based on JIS Z8802, Temperature element:									
pensation element	Pt1000 or Pt100)									
	pH combined electrode sensor (pH sensor: Based on JIS Z8802, Temperature element:									
_	Cu500/25°C)									
Temperature com-	0.0	0 to 100.0°C								
pensation range Ambient temperature	O +		)°⊏\							
Ambient humidity	0 to 50°C (32 to 122°F)									
Power supply	35 to 85 %RH (Non-condensing)  WIL-102-PH: 100 to 240 V AC 50/60 Hz Allowable fluctuation range: 85 to 264 V AC									
(user-specified)	WIL-102-PH: 100 to 240 v AC 50/60 Hz Allowable fluctuation range: 85 to 264 v AC WIL-102-PH 1: 24 V AC/DC 50/60 Hz Allowable fluctuation range: 20 to 28 V AC/DC									
Structure	DIN rail mounted									
	Case: Flame-resistant resin, Color: Light gray									
	Front panel: Membrane sheet									
Protection		Overvoltage category I, Pollution degree 2 (IEC61010-1)								
structure										
Safety standards	RoHS directive compliant									
Dimensions	W	W30 x H88 x D108 mm (including socket)								
Weight	Αp	Approx. 200 g (including socket)								

