SPEC SHEET

Plug-in Type Digital Indicating Resistivity Meter

WIL-102-SE

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



Name	Plug-in type of	ligital in	dicatin	g resis	tivity meter			
Model	WIL-10) 2	-SE					٦
	Input poir		-0L		,	2 points		-
	input poir						sistivity sensor	-
		SE					element: Pt100) (*1)	
	Input		SE	÷			sistivity sensor	1
							element: Pt1000) (*1)	
	Dowerou	laga		100 to 240 V AC (standard)		AC (standard)		
	Power su	lage	1		24 V AC/DC (*2)			
			EVT 2-points Contact TA 1-point Transmis 1-point Contact or 1-point Contact or		2-points Contact output			
	Option							
				TA2	2-points Transmission output		1	
	(*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 'SE'. Accessories sold separately: Socket: ASK-001-1 (Finger-safe, Ring terminals unusable)							
Maaa	Accessories	sold sep	arately	Socke	t: ASK-001-1	I (Finger-sate, Rir	ng terminals unusable)	
Measurement	Inp	ut			Scale R	ange	Resolution	
range		Cell constant 0.01/cm		0.000	to 0.200 M	Ω•cm	0.001 MΩ•cm	
				0.00 to 2.00 MΩ•cm			0.01 MΩ•cm	
	Resistivity (CH1)			0.00 to 20.00 MΩ•cm			0.01 MΩ•cm	
				0.0 to 100.0 MΩ•cm			0.1 MΩ•cm	
				0.00 to 2.00 kΩ•m			0.01 kΩ•m	
				0.0 to 20.0 kΩ•m			0.1 kΩ•m	
				0.0 to 200.0 kΩ•m			0.1 kΩ•m	
				0 to 1000 kΩ•m			1 kΩ•m	
	Tempera-	Tempera- Pt100			100.0℃		0.1°C	
	ture (CH2) Pt1000			0.0 to 100.0°C			0.1℃	
	Decimal point place is selectable for Temperature (CH2) indication.							
Repeatability	Resistivity: $\pm 0.5\%$ of input span							
Linearity	Resistivity: ±0.5% of input span							
Indication accuracy								
Cell constant	Adjustment range: 0.700 to 1.300							
correction value	,							
(Span) adjustment								
Temperature calibration	Calibration range: -10.0 to 10.0℃							
Self-diagnosis	The CPU is monitored by a watchdog timer, and if an abnormal status occurs,							
	the instrument is switched to warm-up status.							
Temperature com-	2-electrode resistivity sensor (Temperature element: Pt100 or Pt1000)							
pensation element								
Temperature com- pensation range	0.0 to 100.0°C							
Ambient temperature	0 to 50°C (32 to 122°F)							
Ambient humidity	35 to 85 %RH (Non-condensing)							
Power supply (user-specified)	WIL-102-SE: 100 to 240 V AC 50/60 HzAllowable fluctuation range: 85 to 264 V ACWIL-102-SE 1: 24 V AC/DC 50/60 HzAllowable fluctuation range: 20 to 28 V AC/DC							
Structure	DIN rail mounted							
	Case: Flame-resistant resin, Color: Light gray, Front panel: Membrane sheet							

