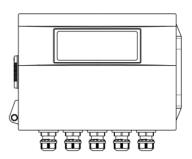
SPEC SHEET

Conductivity Meter for Outdoor Use

FEB-102- ECM (Low Concentration)

- 2-points Contact output (EVT output), 2-points Current output (Transmission output) are standard features.
- Software communication function (RS-485) (Optional)
- Drip-proof/Dust-proof IP65: Suitable for outdoor use



Name	Conductivity meter	r for outd	oor use									
Model												
	FEB-10	2	-ECM	, 🗆								
	Input points	2				2 points						
	Input ECI					2-electro	ode condi	uctivity	sensor			
	Input	ECIVI	IVI		(Temperature element: Pt100 or Pt1000)							
	Supply voltage				100 to 240 V AC							
				C5		Serial communication RS-485 (*1)						
	Option		EVT3		EVT3 output (Contact output 3) (*2)							
	(*4) If the OF a	- t'	/T 4 ti	EVT4		EVT3, EVT4 output (Contact output 3, 4) (*1) Fransmission output 1 and 2 will not be available.						
	` '		•				-		2 WIII not b	e avallable	-	
Detect cools	(*2) If EVT3 opt	ion is ora	erea, ira	ansmissi	on out	put 1 Will r	not be ava	illable.				
Rated scale				Cell						1		
	Input			onstant		Scale Range		Resolution				
			0.0)1/cm	0.00	to 20.00	$\mu_{ m S/cm}$	0.01	$\mu_{S/cm}$			
			0.1	I/cm	0.0	to 200.0	$\mu_{ m S/cm}$	0.1	$\mu_{ extsf{S/cm}}$			
			1.0)/cm	0	to 2000	μ _{S/cm}	0.1	μ _{S/cm}			
		Conductivity)1/cm	0.00	0 to 2.000	mS/m	0.00	I mS/m			
	Conductivity				0.00	to 20.00	mS/m	0.01	mS/m	1		
	Conducting)/cm	0.0	to 200.0		0.1	mS/m			
				01/cm	0.0	to 20.0	mg/L	0.1	mg/L	1		
				I/cm	0.0	to 200	mg/L	1	mg/L	+		
			-		0					1		
	Temperature	Pt100	1.0)/cm	U	to 2000	mg/L	1	mg/L	4		
	compensation			0.0	to 100.0 ℃	$^{\circ}\!\mathbb{C}$	°C 0.1	$^{\circ}\!\mathbb{C}$				
	(*)	Pt1000		0.0				_				
	(*) For the temp	erature in	dication	, decima	ıl point	place car	be selec	ted.				
Input	2-electrode condu	ctivity ser	nsor (Ter	nperatu	e elen	nent: Pt10	0 or Pt100	00)				
Repeatability		Within ±										
	TDS conversion:											
Linearity	Conductivity: TDS conversion:	Within ±∈ Within +										
Temperature indicating	±1 °C	v v (d (()) _	1.0 /0 01	measur	CITICITE	орин						
accuracy												
Input sampling period	250 ms (2 inputs)											
Time accuracy EVT output (2 points)	Within ±1% of s			stura ind	icatina							
Ev i output (2 points)	Setting accuracy: Same as Temperature indicating accuracy Output action: P control: When proportional hand is set to any value except 0.											
	Output action: P control: When proportional band is set to any value except 0 ON/OFF control: When proportional band is set to 0											
	Output: Relay contact 1a,											
	Control capacity: 3 A 250 V AC (Resistive load), 1 A 250 V AC (Inductive load $\cos \phi$ =0.4),											
	Electrical life: 100,000 cycles											
	Action ON delay time: 0 to 10000 seconds											
Calibration function	Action OFF delay t Conductivity calib				h. 7-	t	mak film = 4 . f	lla	h., C	di 4 4		

sampling period, and outputs the value									
w the selection. It is fixed.)									
lax 550 Ω)									
utput span									
uter.									
ue: Within 50 Ω (Terminators are not or more on one side.)									
rotocol),									
C-16 (Modbus protocol RTU)									
mmunication protocol, Data bit/parity and Stop bit									
the desired to the de									
tus occurs, the instrument is switched to warm-up									
id direct sunlight.)									
V AC, Power consumption: Approx. 10 VA									
,									
ne sheet									
Dimensions: W239.5 x H190 x D75 mm									
Weight: Approx. 950 g									
$4 \cdot \phi$ 9 mounting hole									
186									
125									
VT4									
VT4									
VT4									
POWER SUPPLY FPUT2 EVT1 EVT2 10010240V AC FG									
VT4 POWER NSMIT SUPPLY									
VT4 T POWER SUPPLY FPUT2 EVT1 EVT2 T T T T T T T T T T T T									
POWER SUPPLY 10010240V AC FG 13 14 15 16 17 18 19 20									
POWER SUPPLY 100to240V AC FG 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
POWER SUPPLY 10010240V AC FG 13 14 15 16 17 18 19 20									
POWER SUPPLY 100to240V AC FG 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
POWER SUPPLY 100to240V AC FG 10 13 14 15 16 17 18 19 20 compensation sensor terminals (6 - 7) isor terminals (6 - 7 - 8) ole if the C5 or EVT3/EVT4 option is ordered)									
POWER SUPPLY 1001o240V AC FG 1									
POWER SUPPLY 1001b240V AC FG 1									
POWER SUPPLY 1001b240V AC FG 1									
POWER SUPPLY 1001b240V AC FG 1									
1									