

## soil ec temperature and humidity sensor

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Supplier Name: Shenzhen Bonad Instrument Co., Ltd.

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Xin'an Street., Baoan Dist, Shenzhen

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## RS485 Fdr Agriculture Soil Moisture Sensor, Meter for Greenhouse Using

Contact Supplier

Price:	Min. Order(Pieces)	FOB Price
	1+	US \$50.00-150.00

Port: Shenzhen

Payment: T/T, Western Union, Paypal, Money Gram

Package: Carton Case

Product Attribute:

Installation Type	Tee Type
Sensing Type	Resistive
Contact	Contact
Output Signal Type	Digital Type
Production Process	Integration
Material	316L Steel Stainless
Measuring Medium	Ec/Temp./Moisture
IP Rating	IP65
Certification	ISO
Customized	Customized
Warranty	1 Year
Moisture Range	0-50% 0-100%
Conductivity Range	0-5000us/Cm 0-10000us/Cm 0-20000us/Cm Custom Desig
Supply Voltage	3.6-30V DC 12-30V DC 2.7-16V DC
Line Length	2m
Measurement Parameters	Soil Moisture/Ec./Temperature
Electrode Length	70mm
Operating Environment	-40~85°C
The Material of The Probe	Food Grade Stainless Steel
The Measurement Precision of Soil Temper	±0.5°C

Product Table:

Technical Parameters			
Output Signal	Voltage Output0-2V (The output impedance of approximately 0 Euro)	Current output4-20mA Load Resistance 500ohm)	RS485 Interface Modbus Protocol
Supply voltage	3.6-30V/DC DC	12-30V/DC DC	3.6-30V/DC DC
Static power	6mA@24V DC DC	50mA@24V DC DC (Two current output channels are 20mA)	6mA@24V DCDC
Soil moisture range	Range:0-50%,0-100% Resolution:0-50%(0.03%),50-100%(1%) Accuracy:0-50%(2%),50-100%(3%)		
Electric conductivity Range	Range:0-5000us/cm,10000us/cm,20000us/cm Resolution:0-10000us/cm(10us/cm), 100000-20000us/cm(50us/cm) Accuracy: 0-10000us/cm(±3%); 10000-20000us/cm(±5%)		
Conductivity Temperature Compensation	Built-in temperature compensation sensor,Compensation range0-50°C		
Temperature measurement range	range:-40~80°C,Resolution:0.1°C,accuracy :±0.5°C		
The measuring principle	FDR method of soil moisture, soil conductivity AC bridge method,Insert situ soil or immersed in broth, or integrative water and fertilizer nutrient solution to test directly.		
Protection class	IP68 Immersion in water can be used for a long		
Operating Environment	-40~85°C		
Probe material	Special electrode corrosion		
Sealing material	Black flame retardant epoxy resin		
Mounting	All buried or probes inserted all measured media		
The default cable length	2M, can be customizable		
Connection	Preloaded cold terminal		
Size	45*15*145mm		
Electrode length	70mm		
Code number	Code	Code Description	
Code 1: Products	MEC10	MEC10 soil moisture,soil electric conductivity (EC)and soil temperature 3 in 1	
Code 2: measurement parameters	A	soil moisture,soil electric conductivity (EC)and soil temperature 3 in 1	
Code 3:Soil moisture range	A	0-50%	
	B	0-100%	
Code 4:Conductivity Range	A B C D	0-5000us/cm 0-10000us/cm 0-20000us/cm custom design	
Code 5: supply voltage	A B C D	3.6-30V DC 12-30V DC 2.7-16V DC custom design	
Code 6: Output signal	A B C D E F G	Voltage Output 0-2V Current output 4-20mA RS485 interface ,Modbus Protocol RS485 interface,Modbus Protocol Voltage Output0-2V RS485 interface,Modbus Protocol Current Output4-20mA SDI-12 interface custom design	
Code 7: line length	002 XXX	2M custom design	
Code example: MEC10 soil sensor,Soil moisture range:0-100%,soil electric conductivity range:0-10000us/cm,3.6-30V power supply,RS485 interface,Modbus protocol,5M cable.Code sample :MEC10 - A B B A C 005			

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## Ms20 2.7V Soil Humidity and Temperature Sensor

[Contact Supplier](#)

Price:	Min. Order(Pieces)	FOB Price
	1+	US \$59.00-199.00

Port: Shenzhen

Payment: T/T

Package: Safety Carton Box

Product Attribute:	Installation Type	Duct Type
	Sensing Type	Thermocouple
	Contact	Contact
	Output Signal Type	Digital Type
	Production Process	Normal Wirewound
	Material	Resistive Lithium Chloride
	Measuring Medium	Humidity
	IP Rating	IP68
	Customized	Customized
	Delivery Time	3-7days
	Warranty	1year
	Product Name	Soil Humidity and Temperature Sensor
	Input Voltage	4.2-30V/DC
	Average Working Current	<10mA
	Soil Moisture Measurement	± 2% for 0-53%; ± 4% for 53-100%
	Soil Temperature Measuring Range	-40~80°C
	Working Temperature	-40~85°C

Product Table:

Technical Parameter				
Signal output type	RS485 interface	Voltage output	Voltage output (Low-voltage)	Current output
Output range	Modbus Protocol	0-2V 0-5V 0-10V Customize	0-1V 0-2V	4-20mA Customize
Input voltage	4.2-30V/DC	4.2-30V/DC	2.7-16V	12-30V/DC
Average working current	10mA	10mA	7mA	15mA (without output current)
Feature	Customize soil type Multi-connection Digital transfer High precision Remote access	Many output voltages to be specified.	Instrument usage	Remote access
Soil moisture measurement area	A 7cm diameter, 7cm height cylinder which the center is the probe.			
Response time (moisture and temperature)	Less than 1 second			
Soil moisture measurement range	0-50% volumetric moisture content ; 0-100% volumetric moisture content			
Soil moisture measurement accuracy	± 2% for 0-53%; ± 4% for 53-100%			
Soil temperature measuring range	-40~80°C			
Soil temperature measurement accuracy	±0.4°C			
Protection grade	IP68, full-time working in water			
Working temperature	-40~85°C			
Storage temperature	-40~85°C			
Material of the probe	Special corrosion resistant stainless steel			
Sealing material	Black flame retardant epoxy resin			
Installation	Wholly buried or put the probe into all the measured medium			

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RS485 4-20mA Soil  
Temperature Moisture  
Sensor for Volumetric  
Content Test

Contact Supplier

Price:	Min. Order(Pieces)	FOB Price
	1+	US \$50.00-150.00

Port: Shenzhen

Payment: T/T, Western Union, Paypal, Money Gram

Package: Carton Case

Product Attribute:

Installation Type	Tee Type
Sensing Type	Resistive
Contact	Contact
Output Signal Type	Digital Type
Production Process	Integration
Material	316L Steel Stainless
Measuring Medium	Ec/Temp./Moisture
IP Rating	IP65
Certification	ISO
Customized	Customized
Warranty	1 Year
Moisture Range	0-50% 0-100%
Conductivity Range	0-5000us/Cm 0-10000us/Cm 0-20000us/Cm Custom Desig
Supply Voltage	3.6-30V DC 12-30V DC 2.7-16V DC
Line Length	2m
Measurement Parameters	Soil Moisture/Ec./Temperature
Electrode Length	70mm
Operating Environment	-40~85°C
The Material of The Probe	Food Grade Stainless Steel
The Measurement Precision of Soil Temper	±0.5°C



Product Table:

Technical Parameters			
Output Signal	Voltage Output0-2V (The output impedance of approximately 0 Euro)	Current output4-20mA Load Resistance 500ohm)	RS485 Interface Modbus Protocol
Supply voltage	3.6-30V/DC DC	12-30V/DC DC	3.6-30V/DC DC
Static power	6mA@24V DC DC	50mA@24V DC DC (Two current output channels are 20mA)	6mA@24V DCDC
Soil moisture range	Range:0-50%,0-100% Resolution:0-50%(0.03%),50-100%(1%) Accuracy:0-50%(2%),50-100%(3%)		
Electric conductivity Range	Range:0-5000us/cm,10000us/cm,20000us/cm Resolution:0-10000us/cm(10us/cm), 100000-20000us/cm(50us/cm) Accuracy:0-10000us/cm(±3%);10000-20000us/cm(±5%)		
Conductivity Temperature Compensation	Built-in temperature compensation sensor,Compensation range0-50°C		
Temperature measurement range	Range:-40~80°C,Resolution:0.1°C,accuracy :±0.5°C		
The measuring principle	FDR method of soil moisture, soil conductivity AC bridge method,Insert situ soil or immersed in broth, or integrative water and fertilizer nutrient solution to test directly.		
Protection class	IP68 Immersion in water can be used for a long		
Operating Environment	-40~85°C		
Probe material	Special electrode corrosion		
Sealing material	Black flame retardant epoxy resin		
Mounting	All buried or probes inserted all measured media		
The default cable length	2M, can be customizable		
Connection	Preloaded cold terminal		
Size	45*15*145mm		
Electrode length	70mm		
Code number	Code	Code Description	
Code 1:Products	MEC10	MEC10 soil moisture,soil electric conductivity (EC)and soil temperature 3 in 1	
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Code 3:Soil moisture range	A	0-50%	
	B	0-100%	
Code 4:Conductivity Range	A B C D	0-5000us/cm 0-10000us/cm 0-20000us/cm Custom design	
Code 5:Supply voltage	A B C D	3.6-30V DC 12-30V DC 2.7-16V DC Custom design	
Code 6:Output signal	A B C D E F G	Voltage Output 0-2V Current output 4-20mA RS485 interface ,Modbus Protocol RS485 interface,Modbus Protocol Voltage Output0-2V RS485 interface,Modbus Protocol Current Output4-20mA SDI-12 interface Custom design	
Code 7:Line length	002 XXX	2M Custom design	
Code example: MEC10 soil sensor,Soil moisture range:0-100%,soil electric conductivity range:0-10000us/cm,3.6-30V power supply,RS485 interface,Modbus protocol,5M cable.Code sample :MEC10 - A B B A C 005			

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## Mec10 Soil Temperature and Moisture Ec Sensor for Greenhouse

Contact Supplier

Price:	Min. Order(Pieces)	FOB Price
	1+	US \$59.00-199.00

Port: Shenzhen

Payment: T/T

Package: Safety Carton Box

Product Attribute:

Installation Type	Duct Type
Sensing Type	Resistive
Contact	Contact
Output Signal Type	Analog Type
Production Process	Normal Wirewound
Material	Stainless Steel
Measuring Medium	Humidity
IP Rating	IP68
Customized	Customized
Power Supply Voltage	3.6-30V/DC
Maximum Power Dissipation	6mA@24V DC
Temperature Measuring Range	-40~80°C
Accuracy	±0.5°C
Operated Environment	-40~85°C
Outer Size	45*15*145mm
Delivery Time	3-7days
Warranty	1year

Product Table:

Technical Parameters			
Signal output	Output voltage 0-2V (output impedance 0 ohm)	Current output 4-20mA(load resistance500ohm)	RS485 interface, Modbus protocol
Power supply voltage	3.6-30V/DC	12-30V/DC	3.6-30V/DC
Maximum power dissipation	6mA@24V DC	50mA@24V DC (When the two current output channel is 20mA)	6mA@24V DC
Conductivity range	Optional range:0-5000us/cm,10000us/cm,20000us/cm resolution:0-10000us/cm within 10us/cm, 10000-20000us/cm within 50us/cm Accuracy 0-10000us/cm range is ±3%; 10000-20000us/cm range is ±5%		
Conductivity temperature compensation	Built-in temperature compensation sensor,compensation range 0-50°C		
Temperature measuring range	range:-40~80°C,resolution:0.1°C,accuracy:±0.5°C		
Measuring principle and measuring method	In situ soil insertion or Immersed into the culture medium,Water and fertilizer integrated nutrition To check directly		
waterproof grade	IP68		
Operated environment	-40~85°C		
Probe material	Corrosion special electrode		
Sealing material	Black flame retardant epoxy resin		
Installation	All buried or probe fully inserted to be tested		
The default cable length	2meters,Cable length can be customized		
Outer size	45*15*145mm		
Electrode length	70mm		

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Top Quality Soil Nkp and  
pH Nutrient Tester

Contact Supplier

Price:	Min. Order(Pieces)	FOB Price
	1+	US \$299.00-1,999.00

Port: Shenzhen

Payment: T/T, Western Union, Paypal, Money Gram

Package: Silver Box

Product Attribute:

Element	Soil Element Analyzer
Analysis	Infrared Analysis
Display	Digital
Application	Agriculture
Frequency	50±1HZ
Performance	Automation
Function	Cleared
Weight	0-100Kg
Power Source	AC220V±22V
Customized	Customized
Test Item	Soil/Fertilizer/Plant/Tobacco Leaf Nutrent
Range and Resolution	0.001-9999
Stability	Drift Less Than 0.003 Within 3 Minutes
Linearity Error	Less Than 0.003
pH Value (Alkalinity Acidity)	Test Range: 1-14 ±0.1
AC Urban Electricity	180V~240V 50Hz
Delivery Time	3-7days
Warranty	1year
Product Name	Soil Nkp Nutrent Test Kit

Product Table:

Address	Shenzhen Bonad Instrument Co.,Ltd. (Hong Kong Bonad Technology Limited) A301 Hongdu Building , 45 district, Baoan, Shenzhen City, Guangdong Province 518100,China
Contact Person	Wendy qiu
Telephone#	86-0755-66608016
Fax#	86-0755-23721200
Mobile Phone#	+86 13418723413
Working Hours	8:30~12:00 13:30~18:00 (from Monday to Friday)

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## Soil pH and Moisture Test Meter for Greenhouse

[Contact Supplier](#)

Price:	Min. Order(Pieces)	FOB Price
	1+	US \$55.00-155.00

Port: Shenzhen

Payment: T/T, D/P, Paypal

Package: Safety Carton Box

Product Attribute:	Type	Soil Moisture Meter
	Analysis Method	Physical Analysis
	Display	Digital
	Application	Agriculture & Food
	Portable	Portable
	Physical Analysis Type	Distilling Layered Method
	Operating Mode	Screen
	Heating Mode	Standard Heating
	Off Mode	Automatic
	Measurable Depth	8-25cm
	pH Measurement Range	3-8pH
	Moisture Measurement Range	10%-80%
	Accuracy	pH:±0.2 Moisture:±1%
	Delivery Time	3-7days
	Warranty	100mm
	Product Name	Soil pH and Moisture Meter

Product Table:

model	BND-TS
Measurable depth	8-25cm
Ph measurement range	3-8ph
Moisture measurement range	10%-80%
Accuracy	Ph:±0.2 moisture:±1%
Specification	50.5*400mm
Applicable places	Crop, orchard,plant lawns etc