



## **Orbisphere 510 Controller O<sub>2</sub> (EC), CO<sub>2</sub> (TC), Wall Mount, 100-240 V AC, 0/4-20mA, Ext. Press.**

<b>Nr. produs:</b>	<b>510AD0/W1C0P000</b>
RON Preț (fără TVA):	Contact
Expediere în 2 săptămâni	

### **Precise, Powerful Process monitoring**

Controller for oxygen (EC) and carbon dioxide probe, wall mounting. 3 x 0/4-20 mA current outputs per channel. With external pressure sensor. RS485 interface.

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This process monitoring instrument is designed for applications in the power generation, electronics, life sciences, beverage, chemical and water treatment industries.

### **High level of measurement accuracy and rapid response time for reliable and effective process monitoring**

Multiple point monitoring with up to three sensor inputs. High level of measurement accuracy and rapid response time means reliable and effective process monitoring. Common interference effects due to CO<sub>2</sub>, H<sub>2</sub>S, H<sub>2</sub>, N<sub>2</sub>, humidity, salinity and chlorinity can be eliminated during the configuration process.

### **Easy to use, intuitive software navigation**

With an easy to use, intuitive software navigation it is simple to use for line operators and flexible enough for the needs of technical personnel.

### **Robust instrument, built to handle the industrial environment**

Orbisphere 510 instruments are fully compatible with all Orbisphere electrochemical sensors including Smart sensors. Smart sensors can be calibrated in the laboratory before installing on-line and store their own calibration information. Simple transfer of product list and global configuration settings between instruments using USB-client or USB-host.

### **Internal diagnostics simplify trouble-shooting, reminders for maintenance & calibration**

Internal diagnostics simplify trouble-shooting and issue reminders for maintenance and calibration. Adjustable alarms and outputs provide assurance that any out of specification events are appropriately registered.

### **Large data storage**

Data storage of up to 10,000 measurements, last 1,000 operator actions and details of last 50 calibrations. Software password protection offers 5 levels of control access, minimising the risk of errors in operation or configuration.

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## **Specificații**

Capacitati de comunicare:	3 x 0/4-20 mA; RS485; Ethernet
Carcasa:	Wall mount
Carcasă impermeabilă (IP) :	IP65 / NEMA 4X
Cerin#e de alimentare (Tensiune):	100 - 240 V AC
Certificarea conformită#ii:	EMC: EN61326-1:2006

	CE: EN61010-1:2010
	ETL, conforming to UL 61010-1 and CSA 22.2 No. 61010-1
Compatibilitate electrod:	Channel 1: 311xx or A1100
	Channel 2: 314xx
Condi#ii de operare:	-5 - 45 °C
Condi#ii de operare:	0 - 95 % non-condensing relative humidity
Con#inutul cutiei:	510 controller and manual only.
	Sensors and cables, flow-chamber or process connection must be ordered separately.
Controller:	510, Multi-channel
Dimensiuni (Înăl#ime x Lă#ime x Adâncime):	230.5 mm x 250 mm x 160 mm
Garan#ie:	24 luni
Greutate:	3,8 kg
Iesiri analogice:	3 smart 0/4-20 mA (500 ohms), programmable as linear or tri-linear, configurable to send diagnostics information
Instrumente compatibile:	Channel 1: 311xx or A1100, Channel 2: 314xx
Măsurători:	Resolution, accuracy and response time are determined by sensor
Material:	Stainless steel
Modalitate de montaj:	Wall Mounting Pressure Sensor Ready
Monitor:	Colour TFT touch-screen display
Nr. canale:	2
Parametru:	O <sub>2</sub> (EC), CO <sub>2</sub> (TC)
Protec#ie Parolă:	5 levels of authorised access to configuration and data management
Putere:	Universal 100/240 VAC @ 50/60 Hz, 25 VA
Relee:	3 measurement alarm relays (2A to 30 VAC or 0.5 A to 50 VDC); configurable to send diagnostics information
	1 system alarm relay (2 A to 30 VAC or 0.5 A to 50 VDC)
Stocare date:	Rolling buffer or store once mode for up to 10,000 measurements and 1000 operator actions
	Holds calibration records for last 50 calibrations
Unitate:	Gas concentration: Configurable for gas or liquid phase with multiple unit options
	Pressure: External and barometric pressure with multiple unit options
	Temperature: Sample temperature with unit options (K, °C, °F)
User interface:	Touch-screen panel displays: concentration, trend graph, diagnostics, alarm status, historical data

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