



## 410 ORBISPHERE controller for CO<sub>2</sub> sensor

Artikel-Nr.: 410D/W2C10000

CHF Preis: Kontakt

Lieferung innerhalb von 2 Wochen

### Precise, Powerful Process monitoring

Orbisphere 410 CO<sub>2</sub> (TC), wall, 10-36 VDC, Prof.

410 Orbisphere controller for CO<sub>2</sub> sensor / WALL format / 10-36V DC/ Profibus

### High level of accuracy

All functions of Orbisphere 410 instruments are accessed through the color, touch screen. This screen acts as display and keyboard.

### Rapid response time

To ensure continuous high performance and simplify maintenance, Orbisphere 510 instruments offer a number of diagnostic features.

- Notification that calibration is due—ensures QC procedural compliance
- Notification that a sensor service is due—optimal preventative maintenance planning
- Sensor service diagnostics—minimizes downtime
- System alarms transmitted through analog output—continuous status indication

### Reliable and effective process monitoring

Orbisphere 410 instruments are designed for ease of use. After simple installation, the system is measuring your process in minutes. Simple menus allow you to rapidly create a specific configuration for the instrument. The main measurement window continuously displays real time process readings, graphed sensor trends (user selectable from last 1 minute to last 1 hour), alarm limits, temperature and event occurrence.

### Very low maintenance

Digital communication uses industry standard protocols including Profibus and USB in addition to traditional analog outputs and alarm relays. These may all be configured in terms of function, content and behavior.

### Data Storage

Data storage of up to 10000 measurements, last 1000 operator actions and details of last 50 calibrations

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## Technische Daten

Abmessungen (H x B x T):	230.5 mm x 250 mm x 160 mm
Analoge Ausgänge:	3 smart 0/4-20 mA (500 ohms), programmable as linear or tri-linear, configurable to send diagnostics information
Anzeige:	Colour TFT touchscreen display
Benutzeroberfläche:	Touch screen panel displays: concentration, trend graph, diagnostics, alarm status, historical data

Betriebsbedingungen:	-5 - 50 °C
Controller:	410, Mono-channel
Einheiten:	<ul style="list-style-type: none"> <li>• Gas concentration: Configurable for gas or liquid phase with multiple unit options</li> <li>• Pressure : External and barometric pressure with multiple unit options</li> <li>• Temperature : Sample temperature with unit options (K, °C, °F)</li> </ul>
Elektroden-Kompatibilität:	Channel 1 : 314xx
Energie:	10 to 30 VDC - 30W
Ergebnisspeicher:	Rolling buffer or store once mode for up to 1000 measurements and 1000 operator actions
	Holds calibration records for last 50 calibrations
Gehäusekonstruktion:	Wall mount
Gewicht:	3,8 kg
Inhalt:	410 controller and manual only.
	Sensor and cable, flow-chamber or process connection, must be ordered separately.
Kanäle:	1
Kommunikationsmöglichkeiten:	3 x 0/4-20 mA; RS485; Ethernet; Profibus
Kompatible Geräte:	Channel 1 : 314xx
Konformität:	EMC: EN61326-1:2006
	CE: EN61010-1:2010
	ETL, conforming to UL 61010-1 and CSA 22.2 No. 61010-1
Material:	Stainless steel
Messungen:	Resolution, accuracy and response time are determined by sensor
Montage:	Wand-Montage
Parameter:	CO <sub>2</sub> (TC)
Passwortschutz:	5 levels of authorised access to configuration and data management
Relais:	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)
Spannungsversorgung (Volt):	10 - 30 V DC
Stromversorgung:	10 to 30 VDC - 30W

## Inhalt

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