



## Orbisphere 3660EX ATEX Controller for Oxygen (O<sub>2</sub>) measurement, wall mount, 230 V AC, units : %/ppm

**Product #:** 3660EX/106.B

**AED Price:** Contact Hach

### Intrinsically Safe analyser

The 366xEx family of instruments measures oxygen (O<sub>2</sub>), hydrogen (H<sub>2</sub>), and ozone (O<sub>3</sub>) in areas where hazardous and flammable conditions are possible. When coupled with a choice of membrane covered, electrochemical sensors, the 366xEx is suitable for sampling dissolved concentrations from trace ppb to supersaturation, and gaseous concentrations from ppb to percent (%) levels. These sensors can be constructed from a variety of chemically resistant materials and use an assortment of membranes with permeability and chemical resistance to optimize long-term measurement performance.

### ATEX Certified

3660 supports European Community regulation 94/9/EC, with ATEX directive and standards with marking: Ex II (1)1G, Ex [iaGa]ia IIC T6 Ga (corresponds to NFPA Class I Div I Group A,B) and IEC Certification IECEx LCI 09.0027x

### Consistent and accurate measurements

Used to measure in aqueous or non-aqueous samples such as organics, olefins, fuels, monomers, aromatics, specialty chemicals, water, and other liquids and gases.

### Easy installation

Easy installation and sampling with in-line and sidestream accessories.

### Easy Calibration

Flexible and verifiable calibration in air, liquid, or gas standard with negligible drift.

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## Specifications

Certifications:	LCIE 03 ATEX 6354 X II (1)/1 G EX [ia Ga] ia IIC T6 Ga
Communication:	RS485
Current output:	safe area (3660Ex only): 0–20 mA or 4–20 mA, isolated, R <sub>max</sub> = 500 Ω; 3660Ex (hazardous area): 0–20 mA or 4–20 mA, non-isolated, R <sub>max</sub> = 350 Ω,  short circuit current limited to 150 mA,
Dimensions (H x W x D):	200 mm x 200 mm x 90 mm
Electrode compatibility:	311xxE-xx or A110E-xxS
Enclosure waterproof rating:	IP65 / NEMA 4X
European standards for EMC:	EN 61326
Exproof requirements:	EN 60079-11
Mounting:	Wall mount
Operating temperature range:	0 - 45 °C

Output Voltage:	Serial Output 3660Ex (safe area) RS-232 or RS-485: Baud rate: 9600; Stop Bit: 1; Start Bit: 0; Parity: None
Parameter:	Oxygen, %/ppm
Power consumption:	20 VA
Power requirements (Voltage):	230 V AC
Power supply:	Power Requirements 3660Ex: 95 -130 VAC @ 50/60 Hz,  207-253 VAC @ 50/60 Hz
Rating connector:	ATEX
Warranty:	24 months
Weight:	2.5 kg