



EVITA OXY Dissolved Oxygen package 2, 0-20 mg/L; 85-264 V AC; 50/60 Hz

Produktnr:

085G4001.61.001

UTGÅNGEN ARTIKEL

Den här artikeln är inte längre tillgänglig.

Maintenance-free Dissolved Oxygen measurement

The package consists of an accurate sensor in a probe form transmitter, a signal convertor (with 3 output relays settings) and mounting accessories (a bracket and a diameter adapter).

The package provides low maintenance dissolved Oxygen measurement (under one hour a year). The transmitter converts the measurements of the replaceable Clark sensor into a current signal and at the same time also performs the necessary calculations/corrections.

TILTCAL automatic calibration

Easily replaceable sensor – no regeneration!

Self-cleaning design

High accuracy and noise immunity

Connectable directly to PLC

Specifikationer

Antal kanaler:	1 point-to-point installation
Diameter:	240 mm
Display :	Back-lit alphanumeric LCD display
EMC (emission):	IEC/EN 61000-6-3
EMC (immunity):	IEC/EN 61000-6-2
Föroreningsgrad :	Class II
Höjd:	max. 2000 m
Kabellängd:	10 m 2-wire, screened cable 2 x 0.75 mm ² (18 AWG) cable
Kalibreringsmetod :	Automatic air calibration compensating for temperature, barometric pressure, humidity and salinity by using the TILTCAL or the USC 5000
Kapslingsklass:	IP67 / NEMA 4X
Kommunikation:	HART communication superposed on current output
Lagringsförhållanden:	-40 °C - 70 °C
Larm:	On current output (see section “trouble shooting” of manual)
Material:	Transmitter: PBT/PC

Matningskrav (Spänning):	12 - 30 V DC
Mätområde:	0 - 20 mg/L can be configured
Mätprincip:	Clark cell
Noggrannhet:	± 0.5 °C of reading
Omgivningstemperatur:	0 - 40 °C (Sensor)
Övervakning av membranläckage:	Measurement between anode and a terminal in contact with the measured medium
Power consumption controller:	max. 20 VA
Power consumption transmitter:	max. 720 mVA
Reläer:	none
Relativ luftfuktighet:	80 % at 31 °C (decreasing linearly to 50 % at 40 °C)
Responstid :	22 s determined by EVITA OXY 1100
Säkringsklass:	Fuse: T500 mA / 250 V (not to be changed by user)
Special notes controller:	Indoor use
Specialkommentarer:	Composed of:
	USC 5000
	EVITA OXY 4100 transmitter (ball), 0-20 mg/l, 10 m cable
	EVITA OXY 1100 sensor, 50 µm
	mounting bracket for EVITA OXY
Strain Reliefs:	Pg13.5 (6-12 mm cable diameter)
Strömutgång, Transmitter:	3.80 to 24 mA
Strömutgångar, instrument:	1 x 4 to 20 mA scaleable, 24 V active galvanic isolated, max. load: 800 Ω
Tidskonstant:	10 - 300 s (default 40 s)
Vikt :	2,7 kg
Vikt, transmitter:	2.7 kg