

DO/Temp Controller/Transmitter 3921/3931/3951

Description

- Easy to install 1/8 DIN plastic casing.
- Clear LCD displays dissolved oxygen or temperature with backlight.
- Calibration data is stored in memory and is ready for use on power up.
- Universal power supply input from 100-240VAC.
- Automatic or manual temperature compensation.
- Two sets of programmable on/off relays for DO (3921).
- Isolated and reversible 4-20mA current output for DO allows it to be Used as a proportional output (3931).
- RS485 Modbus communication protocol (3951).
- CE and RoHS compliant.



Specifications

Range	Dissolved oxygen (mg/L)	0.00–40.00mg/L
	Dissolved oxygen (%)	0.0–400.0%
	Temperature	-10.0–80.0 °C automatic or manual
	Barometric pressure compensation	600–4000mbar manual
	Salinity compensation	0.0–49.9ppt manual
Resolution	Dissolved oxygen (mg/L)	0.01mg/L
	Dissolved oxygen (%)	0.1%
	Temperature	0.1 °C
Accuracy	Dissolved oxygen (mg/L)	±0.2% FS
	Dissolved oxygen (%)	±0.2% FS
	Temperature	±0.3 °C
Type of electrode	Polarographic	
Control type/Relay output	Two ON/Off controls. 5A at 115 VAC or 2.5A at 220VAC (3921)	
Current output	One 4–20mA isolated and programmable (3931)	
Communication output	RS-485 Modbus standard protocol (3951)	
Power	100VAC~ 240VAC , 50/60Hz	

Accessories

OXYSENS 120	For wastewater (stainless steel housing, PG13.5 thread, 5 m cable, with temperature thermistor).
OXYFERM FDA 120	For fermentation (stainless steel housing, T82/D4 thread, with temperature thermistor)
011-150-00	Waterproof enclosures, 150mm for panel mounting
012-150-00	Waterproof enclosures, 150mm for wall mounting