



# GS-TR3210 Series

Electrochemical Gas Transmitters



## Overview

The GS-TR3210 is a high accuracy, electrochemical gas transmitters that can be factory configured to measure chlorine, oxygen, or nitrogen dioxide. This loop-powered sensor delivers a linear 4-20 ma output that is easily integrated into any building control, ventilation or alarm application. The low profile design can be attached to any single gang electrical box and features an economical and easily replaceable sensor element.

## Applications

- Water treatment
- Pools
- Food processing

## Features & Benefits

- High accuracy electrochemical sensor
- Replaceable sensor element
- Linear output
- Gas specific
- Rugged enclosure

## Model Selection

GS-TR3210-CL2	Electrochemical Chlorine Transmitter
GS-TR3210-O2	Electrochemical Oxygen Transmitter
GS-TR3210-NO2	Electrochemical Nitrogen Dioxide Transmitter

# Product Specifications

## General

Sensor Type	Electrochemical
Approval	CSA/NRTL (UL Equivalent)
Sensing Method	Diffusion
Sensor Rated Life	2 years
Sensor Change Out	Field replaceable
Enclosure	Impact Resistant, Waterproof
Temp Operating Conditions	-4 to 122° F (-20 to 50°C)
Humidity Operating Conditions	0 to 90% RH
Storage Conditions	-40 to 158°F (-40 to 70°C)

## Performance

Repeatability	+/- 5% of measured value
Linearity	+/- 5% of measured value
Response Time	T90 = <1 minutes (diffusion)
Warm Up Time	< 2 minutes

Predicted 2 Year Calibration Drift (% of Measured Value):

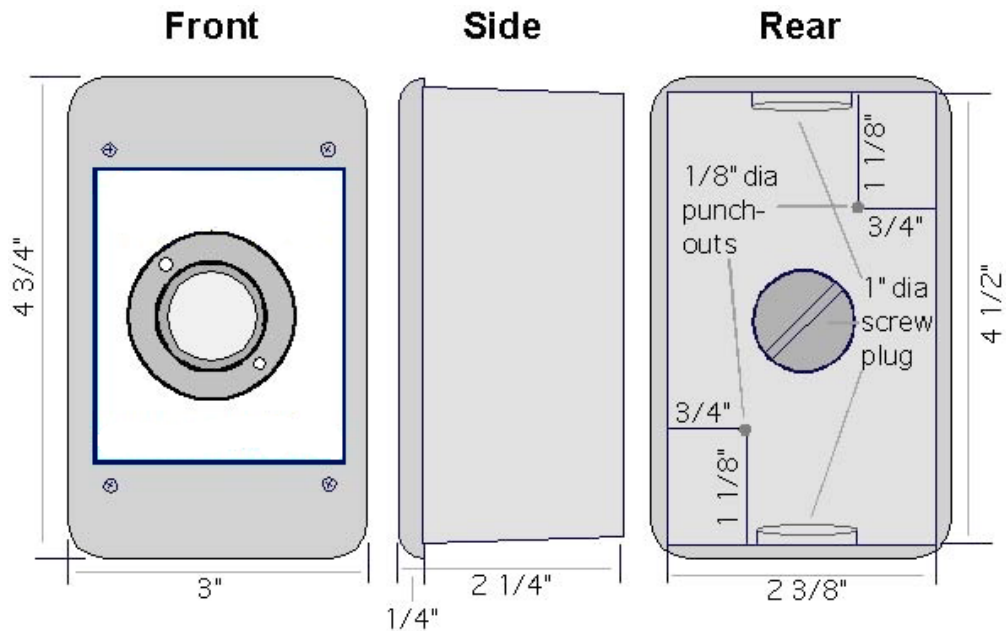
<input type="checkbox"/> CL <sub>2</sub>	-20%
<input type="checkbox"/> NO <sub>2</sub>	-20%
<input type="checkbox"/> O <sub>2</sub>	-15%

## Power

Input	12-30 VDC
Power Consumption	20 mA

## Outputs

Adjustment	Span & Zero
Output Signal	4 - 20 mA
Terminal Wire Size	16 – 22 AGW



Specifications subject to change without notice.  
 Distech Controls, and the Distech Controls logo are trademarks of Distech Controls Inc. All other trademarks are property of their respective owner.  
 ©, Distech Controls Inc., 2015 to 2017. All rights reserved.