

**MODEL: MCS-GSO-4.0**

APPLICATIONS

- Cold Storages & machine room monitoring
- Controlled Atmosphere Rooms
- Ventilation control for the agricultural and poultry industries
- Medical - Anesthetic instruments, respirators, oxygen-enrichers
- Biotechnology - Oxygen incubators
- Food industry - Refrigeration, greenhouses
- Safety - Air conditioners, oxygen detectors, fire detectors
- hazardous area warning signals
- gas leak detection
- landfill gas monitoring

OXIGEN TRANSMITTER

MTS Oxygen Sensor GSO-4.0 is unique galvanic cell type oxygen sensor. Its most notable features are long life expectancy, excellent chemical durability, and no influence by CO₂.

GSO Series oxygen sensors are ideal to meet the ever-increasing demand for oxygen monitoring in various fields such as Controlled Atmosphere Cold Storages, Combustion gas monitoring, Biochemical field, Medical applications, Domestic combustion appliances, etc.

This device has self-calibration feature to reduce frequent maintenance and provide accurate results for continuous monitoring devices.

FEATURES

- Wall Mount Version with Display
- Long life - 2.5~10 years in ambient air
- Virtually no influence from CO₂, CO, H₂S, NO_x, H₂
- Operates in normal ambient temperatures
- Stable output signal
- Wired Serial Rs-485 Interface with Modbus RTU Protocol
- 4-20mA Analog Output
- Low Power Intrinsically Safe Models
- 7 Segment Display
- Relays for local alarming
- Simple one-person remote calibration
- Cost-Effective Poly Enclosure
- No warm-up time is required

TECHNICAL SPECIFICATIONS

Parameters	Description
Make	MULTITECH
Target Gases	Oxygen (O ₂)
Oxygen Range	0 to 100% O ₂
Accuracy	± 1% F.S.
Input Power	24 VDC
Output	4-20 mA
Display	Digital Display 7 Segment
Operating Temperature Range	5 to 40°C and 10 – 90 % RH
Response Time	Approx. 15 seconds
Sensing Method	Galvanic Cell
Sensor Type	Galvanic Cell Type , quick response, no CO ₂ influence
Output Load	500 Ω (current), > 2K Ω (voltage)
Sensor Life expectancy	Approx. 4 years (at 20°C in normal air)
Enclosure	ABS Plastic
Warranty	12 Months Manufacturer Warranty



MULTITECH CONTROL SYSTEMS

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