

QM-4700D Series

TOXIC GAS DETECTOR OXYGEN GAS DETECTOR

- TRANSMITTER TYPE(4~20mA.DC)
- MODEL : QM-4700D(T), QM-4700D(O₂)

FEATURES

- Applying a sensor used for the toxic and oxygen.
- QM-4700D(T) features excellent selectivity and minimizes the effects of interfering gases by means of the principle of detecting specific gases and reaction to target gases.
- Enclosure explosion-proof certificate(by KOSHA).
- Calibration and program settings(Zero), and a span with the automatic setting buttons, except for 4~20mA.
- Calibration and maintenance by one person.
- Minimizes effects of temperature/humidity and electric noises.
- Connect analogue standard output(4~20mA) signals to DCS & PLC monitoring systems.
- QM-4700D(T) can measure toxic gases and oxygen in industrial sites in real time, show remarkable performance in detecting toxic gases and oxygen that violate permissible concentrations for the human body, provide 4~20mA. DC standard output, and be connected to every controller and monitoring system.

SPECIFICATION

- | **Model No.** | QM-4700D(T), QM-4700D(O₂)
- | **Measuring gas** | Toxic Gas, Oxygen(O₂), CO, CL₂, NH₃, SO₂, H₂S, NO, NO₂, etc. / VoC, Benzene, Toluene, Xylene, etc.
- | **Measuring range** | 0~PPM - Toxicity(See the range of toxicity by gas), 0~25%(Vol)- O₂
- | **Measuring method** | Diffusion type, Electro-chemical cell type, Semiconductor type
- | **Measuring signal** | 4~20mA.DC
- | **Response time** | Less than 20sec
- | **Accuracy** | ±2%/Full scale
- | **Operating Temp' /Humi'** | -40°C~+60°C/96% RH(Non-condensing)
- | **Operating power** | 24V.DC
- | **Consumption electric power** | 1W(Max)
- | **Cable/Distance** | F-CVVS(Shield) 1.5sq × 2wire/Max 2,500M
- | **Conduit connection cable** | 3/4(22MM) PF, NPT
- | **Mounting type** | Wall mounting or 2" Pole mounting
- | **Approval** | Ex d IIC T6(KOSHA)
- | **Dimension** | 126(W) × 193.5(H) × 76(D)
- | **Weight** | 1.15Kgs

DIMENSION (mm)

