

QM-4700D Series

FLAMMABLE GAS DETECTOR

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

FEATURES

- QM-4700D(F) provides the self-diagnosis function where the microprocessor applies.
- QM-4700D(F) prevents errors in circuit protection, consisting of constant-voltage circuits to ensure safe detection sensor operation.
- Enclosure explosion-proof certificate(by KOSHA).
- Calibration and program settings(Zero), and a span with the automatic setting buttons without volume, 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(F) installed in industries and explosion danger areas measures flammable gases in real time. QM-4700D(F) also provides 4~20mA. DC standard output, connected to monitoring system for use.

SPECIFICATION

- | **Model No.** | QM-4700D(F)
- | **Measuring gas** | Flammable Gas - H₂, C₂H₂, C₂H₄, etc.
- | **Measuring range** | 0~100%(LEL)
- | **Measuring method** | Diffusion type, Catalytic combustion cell type, Semiconductor type
- | **Measuring signal** | 4~20mA.DC
- | **Response time** | Less than 10sec
- | **Accuracy** | ±3%/Full scale
- | **Operating Temp'/Humi'** | -40°C~+60°C/96% RH(Non-condensing)
- | **Operating power** | 24V.DC
- | **Consumption electric power** | 1.45W(2.4W During normal operation)
- | **Cable/Distance** | F-CVVS(Shield) 1.5sq × 3wire/Max 2,500M
- | **Conduit connection cable** | 3/4(22MM) PF, NPT
- | **Mounting type** | Wall mounting or 2" Pole mounting
- | **Approval** | Ex d II C T6(KOSHA)
- | **Dimension** | 126(W) × 193.5(H) × 76(D)
- | **Weight** | 1.17Kgs

