



LIMITING CURRENT TYPE ZIRCONIA OXIGEN TRANSMITTER MODEL TX-1100FK



Features

- ▶ No maintenance Zirconium cell
- ▶ No calibration required
- ▶ No drift to environmental or temperature changes
- ▶ 3 + year Sensor life
- ▶ Local display, 4-20 mA analog output.

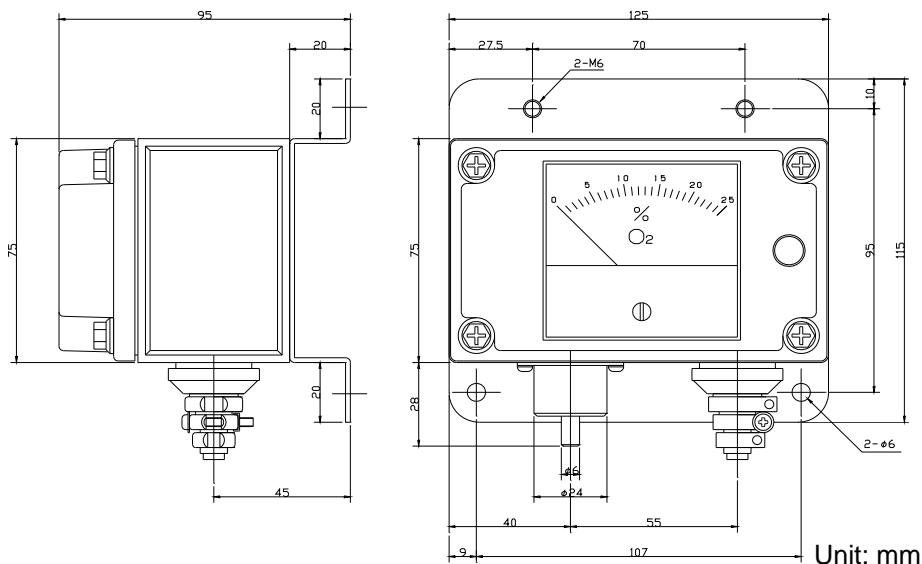
Specifications

| | |
|-----------------------|--|
| Transmitter model | TX-1100FK |
| Detection principle | Zirconia (limiting current type) |
| Sampling method | Diffusion |
| Detector range | 0 ~ 25 % O ₂ |
| Accuracy | Within ±2 % F.S. (at 25 °C) |
| Response time | Less than 30 sec. (T90) |
| Warm up time | Approx. 5 min. |
| Output | DC 4 ~ 20 mA ¹⁾ |
| Operating temperature | -10 ~ 40 °C |
| Power requirement | DC 24 V |
| Mounting style | Wall or pipe mount |
| Dimension | 125(W) × 123(H) × 95(D) mm |
| Life of the sensor | About 3 years (depend on user environment) |

1) The relation between Oxygen concentration and mA output is calculated by following numerical formula.

$$\text{Output current (mA)} = -57.0 \times \ln(1 - \text{O}_2(\text{Vol.}\%) / 100) + 4$$

Dimensions



***We reserve the right to change specifications without notice.**

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